## **Product Datasheet**

### Recombinant Human Neuronatin GST (N-Term) Protein H00004826-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

www.novusbio.com

technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at: www.novusbio.com/H00004826-P01

Updated 10/23/2024 v.20.1

# Earn rewards for product reviews and publications.

Submit a publication at www.novusbio.com/publications Submit a review at www.novusbio.com/reviews/destination/H00004826-P01



#### H00004826-P01-10ug

Recombinant Human Neuronatin GST (N-Term) Protein

| Unit Size   10 ug     Concentration   Please see the vial label for concentration. If unlisted please contact technical services.     Storage   Store at -80C. Avoid freeze-thaw cycles.     Preservative   No Preservative     Purity   >80% by SDS-PAGE and Coomassie blue staining     Buffer   50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.     Target Molecular Weight   34.65 kDa     Product Description   Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-81 of Human NNAT     Source: Wheat Germ (in vitro)   Amino Acid Sequence: MAAVAAASAELLIIGWYIFRVLLQVFLECCIYWVGFAFRNPPGTQPIARSEVFRY SLQKLAYTVSRTGRQVLGERRQRAPN     Gene ID   4826     Gene Symbol   NNAT     Species   Human     Preparation Method   in vitro wheat germ expression system     Details of Functionality   This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.     Notes   This product is produced by and distributed for Abnova, a company based in Taiwam. | Product Information         |  |  |
|--|-----------------------------|--|--|
| services.   Storage Store at -80C. Avoid freeze-thaw cycles.   Preservative No Preservative   Purity >80% by SDS-PAGE and Coomassie blue staining   Buffer 50 mM Tris-HCI, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.   Target Molecular Weight 34.65 kDa   Product Description Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-81 of Human NNAT   Source: Wheat Germ (in vitro)   Amino Acid Sequence:<br>NAAVAAASAELLIIGWYIFRVLLQVFLECCIYWVGFAFRNPPGTQPIARSEVFRY<br>SLQKLAYTVSRTGRQVLGERRQRAPN   Gene ID 4826   Gene Symbol NNAT   Species Human   Preparation Method in vitro wheat germ expression system   Details of Functionality This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.   Notes This product is produced by and distributed for Abnova, a company based in Taiwan.   Product Application Details Western Blot, ELISA, Protein Array, Immunoaffinity Purification   | Unit Size                   | 10 ug  |  |
| Preservative   No Preservative     Purity   >80% by SDS-PAGE and Coomassie blue staining     Buffer   50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.     Target Molecular Weight   34.65 kDa     Product Description   Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-81 of Human NNAT     Source: Wheat Germ (in vitro)   Amino Acid Sequence:<br>MAAVAAASAELLIIGWYIFRVLLQVFLECCIYWVGFAFRNPPGTQPIARSEVFRY SLQKLAYTVSRTGRQVLGERRQRAPN     Gene ID   4826     Gene Symbol   NNAT     Species   Human     Preparation Method   in vitro wheat germ expression system     Details of Functionality   This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.     Notes   This product is produced by and distributed for Abnova, a company based in Taiwan.     Product Application Details   Western Blot, ELISA, Protein Array, Immunoaffinity Purification   | Concentration               | ·  |  |
| Purity >80% by SDS-PAGE and Coomassie blue staining   Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.   Target Molecular Weight 34.65 kDa   Product Description Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-81 of Human NNAT   Source: Wheat Germ (in vitro) Amino Acid Sequence:<br>MAAVAAASAELLIIGWYIFRVLLQVFLECCIYWVGFAFRNPPGTQPIARSEVFRY SLQKLAYTVSRTGRQVLGERRQRAPN   Gene ID 4826   Gene Symbol NNAT   Species Human   Preparation Method in vitro wheat germ expression system   Details of Functionality This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.   Notes This product is produced by and distributed for Abnova, a company based in Taiwan.   Product Application Details Western Blot, ELISA, Protein Array, Immunoaffinity Purification  | Storage                     | Store at -80C. Avoid freeze-thaw cycles.   |  |
| Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.   Target Molecular Weight 34.65 kDa   Product Description Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-81 of Human NNAT   Source: Wheat Germ (in vitro) Amino Acid Sequence: MAAVAAASAELLIIGWYIFRVLLQVFLECCIYWVGFAFRNPPGTQPIARSEVFRY SLQKLAYTVSRTGRQVLGERRQRAPN   Gene ID 4826   Gene Symbol NNAT   Species Human   Preparation Method in vitro wheat germ expression system   Details of Functionality This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.   Notes This product is produced by and distributed for Abnova, a company based in Taiwan.   Product Application Details Western Blot, ELISA, Protein Array, Immunoaffinity Purification   | Preservative                | No Preservative  |  |
| Target Molecular Weight34.65 kDaProduct DescriptionRecombinant protein with GST tag at N-terminal corresponding to the amino<br>acids 1-81 of Human NNATDescriptionRecombinant protein with GST tag at N-terminal corresponding to the amino<br>acids 1-81 of Human NNATSource: Wheat Germ (in vitro)<br>Amino Acid Sequence:<br>MAAVAAASAELLIIGWYIFRVLLQVFLECCIYWVGFAFRNPPGTQPIARSEVFRY<br>SLQKLAYTVSRTGRQVLGERRQRAPNGene ID4826Gene SymbolNNATSpeciesHumanPreparation Methodin vitro wheat germ expression systemDetails of FunctionalityThis protein was produced in an in vitro wheat germ expression system that<br>should preserve correct conformational folding that is necessary for biological<br>   | Purity                      | >80% by SDS-PAGE and Coomassie blue staining   |  |
| Product Description Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-81 of Human NNAT   Description Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-81 of Human NNAT   Source: Wheat Germ (in vitro)   Amino Acid Sequence: MAAVAAASAELLIIGWYIFRVLLQVFLECCIYWVGFAFRNPPGTQPIARSEVFRY   SQKLAYTVSRTGRQVLGERRQRAPN SQKLAYTVSRTGRQVLGERRQRAPN   Gene ID 4826   Gene Symbol NNAT   Species Human   Preparation Method in vitro wheat germ expression system   Details of Functionality This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.   Notes This product is produced by and distributed for Abnova, a company based in Taiwan.   Product Application Details Western Blot, ELISA, Protein Array, Immunoaffinity Purification   | Buffer                      | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.   |  |
| DescriptionRecombinant protein with GST tag at N-terminal corresponding to the amino<br>acids 1-81 of Human NNATSource: Wheat Germ (in vitro)Amino Acid Sequence:<br>MAAVAAASAELLIIGWYIFRVLLQVFLECCIYWVGFAFRNPPGTQPIARSEVFRY<br>SLQKLAYTVSRTGRQVLGERRQRAPNGene ID4826Gene SymbolNNATSpeciesHumanPreparation Methodin vitro wheat germ expression systemDetails of FunctionalityThis protein was produced in an in vitro wheat germ expression system that<br>should preserve correct conformational folding that is necessary for biological<br>function. While it is possible that this protein could display some level of activity,<br>the functionality of this protein has not been explicitly measured or validated.NotesThis product is produced by and distributed for Abnova, a company based in<br>Taiwan.Product Application DetailsMestern Blot, ELISA, Protein Array, Immunoaffinity Purification   | Farget Molecular Weight     | 34.65 kDa  |  |
| acids 1-81 of Human NNATSource: Wheat Germ (in vitro)Amino Acid Sequence:<br>MAAVAAASAELLIIGWYIFRVLLQVFLECCIYWVGFAFRNPPGTQPIARSEVFRY<br>SLQKLAYTVSRTGRQVLGERRQRAPNGene ID4826Gene SymbolNNATSpeciesHumanPreparation Methodin vitro wheat germ expression systemDetails of FunctionalityThis protein was produced in an in vitro wheat germ expression system that<br>should preserve correct conformational folding that is necessary for biological<br>function. While it is possible that this protein could display some level of activity,<br>the functionality of this protein has not been explicitly measured or validated.NotesThis product is produced by and distributed for Abnova, a company based in<br>Taiwan.Product Application DetailsWestern Blot, ELISA, Protein Array, Immunoaffinity Purification   | Product Description         |  |  |
| Gene SymbolNNATSpeciesHumanPreparation Methodin vitro wheat germ expression systemDetails of FunctionalityThis protein was produced in an in vitro wheat germ expression system that<br>should preserve correct conformational folding that is necessary for biological<br>function. While it is possible that this protein could display some level of activity,<br>the functionality of this protein has not been explicitly measured or validated.NotesThis product is produced by and distributed for Abnova, a company based in<br>Taiwan.Product Application DetailsWestern Blot, ELISA, Protein Array, Immunoaffinity Purification  | Description                 | acids 1-81 of Human NNAT<br>Source: Wheat Germ (in vitro)<br>Amino Acid Sequence:<br>MAAVAAASAELLIIGWYIFRVLLQVFLECCIYWVGFAFRNPPGTQPIARSEVFRY                           |  |
| SpeciesHumanPreparation Methodin vitro wheat germ expression systemDetails of FunctionalityThis protein was produced in an in vitro wheat germ expression system that<br>should preserve correct conformational folding that is necessary for biological<br>function. While it is possible that this protein could display some level of activity,<br>the functionality of this protein has not been explicitly measured or validated.NotesThis product is produced by and distributed for Abnova, a company based in<br>Taiwan.Product Application DetailsWestern Blot, ELISA, Protein Array, Immunoaffinity Purification   | Gene ID                     | 4826   |  |
| Preparation Methodin vitro wheat germ expression systemDetails of FunctionalityThis protein was produced in an in vitro wheat germ expression system that<br>should preserve correct conformational folding that is necessary for biological<br>function. While it is possible that this protein could display some level of activity,<br>the functionality of this protein has not been explicitly measured or validated.NotesThis product is produced by and distributed for Abnova, a company based in<br>Taiwan.Product Application DetailsWestern Blot, ELISA, Protein Array, Immunoaffinity Purification   | Gene Symbol                 | NNAT   |  |
| Details of FunctionalityThis protein was produced in an in vitro wheat germ expression system that<br>should preserve correct conformational folding that is necessary for biological<br>function. While it is possible that this protein could display some level of activity,<br>the functionality of this protein has not been explicitly measured or validated.NotesThis product is produced by and distributed for Abnova, a company based in<br>Taiwan.Product Application Details<br>ApplicationsWestern Blot, ELISA, Protein Array, Immunoaffinity Purification  | Species                     | Human  |  |
| should preserve correct conformational folding that is necessary for biological<br>function. While it is possible that this protein could display some level of activity,<br>the functionality of this protein has not been explicitly measured or validated.NotesThis product is produced by and distributed for Abnova, a company based in<br>Taiwan.Product Application DetailsWestern Blot, ELISA, Protein Array, Immunoaffinity Purification  | Preparation Method          | in vitro wheat germ expression system  |  |
| Taiwan.   Product Application Details   Applications Western Blot, ELISA, Protein Array, Immunoaffinity Purification   | Details of Functionality    | should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, |  |
| Applications Western Blot, ELISA, Protein Array, Immunoaffinity Purification   | Notes                       |  |  |
|  | Product Application Details |  |  |
|  | Applications                | Western Blot, ELISA, Protein Array, Immunoaffinity Purification  |  |
| <b>Recommended Dilutions</b> Western Blot, ELISA, Protein Array, Immunoaffinity Purification   |                             |  |  |



| Images                                      |                          |
|---|--------------------------|
| 12.5% SDS-PAGE Stained with Coomassie Blue. | 175 -<br>83 -<br>62 -    |
|   | 47.5 -<br>32.5 -<br>25 - |
|   | 16-                      |

www.novusbio.com





#### Novus Biologicals USA

10730 E. Briarwood Avenue Centennial, CO 80112 USA Phone: 303.730.1950 Toll Free: 1.888.506.6887 Fax: 303.730.1966 nb-customerservice@bio-techne.com

#### **Bio-Techne Canada**

21 Canmotor Ave Toronto, ON M8Z 4E6 Canada Phone: 905.827.6400 Toll Free: 855.668.8722 Fax: 905.827.6402 canada.inquires@bio-techne.com

#### **Bio-Techne Ltd**

19 Barton Lane Abingdon Science Park Abingdon, OX14 3NB, United Kingdom Phone: (44) (0) 1235 529449 Free Phone: 0800 37 34 15 Fax: (44) (0) 1235 533420 info.EMEA@bio-techne.com

#### **General Contact Information**

www.novusbio.com Technical Support: nb-technical@biotechne.com Orders: nb-customerservice@bio-techne.com General: novus@novusbio.com

#### Products Related to H00004826-P01-10ug

| AF143            | Decorin Antibody [Unconjugated] |
|------------------|---------------------------------|
| NB100-565        | FUS Antibody                    |
| NBP3-22129-100ul | Neuronatin Antibody (SR2316)    |
| 292-G2-050       | IGF-II/IGF2 [Unconjugated]      |

#### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/H00004826-P01

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications

www.novusbio.com

