

# Product Datasheet

## Recombinant Human Histone Deacetylase 2/HDAC2 His Protein NBP1-72399-50ug

Unit Size: 50 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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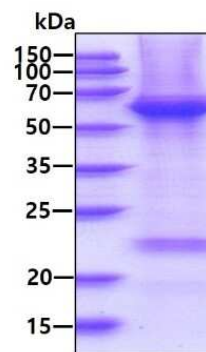


**NBP1-72399-50ug****Recombinant Human Histone Deacetylase 2/HDAC2 His Protein**

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 50 ug                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Concentration               | 0.25 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Preservative                | No Preservative                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Purity                      | >85%, by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Buffer                      | 20 mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1 M NaCl, 1 mM DTT, 0.1 mM PMSF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Target Molecular Weight     | 56.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Description                 | <p>A recombinant protein with a C-Terminal His-tag and corresponding to the amino acids 1-488 of Human Histone Deacetylase 2/HDAC2</p> <p><b>Source:</b> <i>Baculovirus</i></p> <p><b>Amino Acid Sequence:</b> MAYSQGGGKK KVCYYYDGDI GNYYYGQGHP MKPHRIRMTH NLLNLYGLYR KMEIYRPHKA TAEEMTKYHS DEYIKFLRSI RPDNMSEYSK QMQRFNVGED CPVFDGLFEF CQLSTGGSVA GAVKLNRRQT DMAVNWAGGL HHAKKSEASG FCYVNDIVLA ILELLKYHQR VLYIDIDIHH GDGVEEAFYT TDRVMTVSFH KYGEYFPGTG DLRDIGAGKG KYYAVNFPMR DGIDDESYGQ IFKPIISKVM EMYQPSAVVL QCGADSLSGD RLGC FNLT VK GHAKCVEVVK TFNLPLLMLG GGGYTIRNVA RCWTYETAVA LDCEIPNELP YNDYFEYFGP DFKLHISPSN MTNQNTPEYM EKIKQRLFEN LRMLPHAPGV QMQAIPEDAV HEDSGDEDGE DPDKRISIRA SDKRIACDEE FSDSEDEGEG GRRNVADHKK GAKKARIEED KKETEDKKTD VKEEDKSKDN SGEKTDTKGT KSEQLSNPSR HHHHHH</p> |
| Gene ID                     | 3066                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene Symbol                 | HDAC2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Endotoxin Note              | < 1.0 EU per 1 microgram of protein (determined by LAL method)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Applications                | SDS-Page                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Recommended Dilutions       | SDS-Page                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

## Images

SDS-Page: Recombinant Human Histone Deacetylase 2/HDAC2 Protein [NBP1-72399] - 3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.





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### **Products Related to NBP1-72399-50ug**

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|               |                                                         |
|---------------|---------------------------------------------------------|
| NBP1-87109PEP | Histone Deacetylase 2/HDAC2 Recombinant Protein Antigen |
| NB500-171     | Histone H3 Antibody - BSA Free                          |
| NBP1-87109    | Histone Deacetylase 2/HDAC2 Antibody                    |
| NB100-56340   | HDAC1 Antibody                                          |

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### **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.

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