

Product Datasheet

Recombinant Human GAD2/GAD65 GST (N-Term) Protein H00002572-P02-10ug

Unit Size: 10 ug

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

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H00002572-P02-10ug**Recombinant Human GAD2/GAD65 GST (N-Term) Protein**

Product Information	
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	91.8 kDa

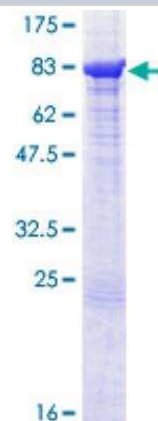
Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-585 of Human GAD2</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MASPGSGFWSFGSEDGSGDSENPGTARAWCQVAQKFTGGIGNKLCALLYGD AEKPAESGGSQPPRAAARKAACACDQKPCSCSKVDVNYAFLHATDLLPACDG ERPTLAFLQDVMNILLQYVVKSFDRSTKVIDFHYPNELLQEYNWELADQPQNLE EILMHCQTTLKYAIKTGHPRYFNQLSTGLDMVGLAADWLTSTANTNMFTYEIAP VFLLEYVTLKKMREIIGWPGGSGDGIFSPGGAINMYAMMIARFKMFPEVKEK GMAALPRLIAFTSEHSHFSLKKGAAALGIGTDSVILIKCDERGMIPSDLERRILE AKQKGFVPFLVSATAGTTVYGAFDPLLAVIDICKKYKIWMHVDAAWGGGLLMS RKHKWKLSGVERANSVTWNPBKMMGVPLQCSALLVREEGLMQNCNQMHAS YLFQQDKHYDLSYDTGDKALQCGRHVDVFKLWLMWRAKGTGFEAHVDKCL ELAEYLYNIIKNREGYEMVFDGKPKQHTNVCFWYIPPSLRTLEDNEERMRSLSKV APVIKARMMEYGTTMVSQPLGDKVNFRRMVISNPAATHQDIDFLIEEIERLGQ DL</p>
Gene ID	2572
Gene Symbol	GAD2
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	
Applications	Western Blot, ELISA, Protein Array, Immunoaffinity Purification, Enzyme-linked Immunosorbent Spot
Recommended Dilutions	Western Blot, ELISA, Protein Array, Enzyme-linked Immunosorbent Spot, Immunoaffinity Purification



Images

SDS-Page: GAD2/GAD65 Recombinant Protein [H00002572-P02]



Publications

Pang Z, Kushiya A, Sun J et al. Glial fibrillary acidic protein (GFAP) is a novel biomarker for the prediction of autoimmune diabetes. *FASEB J* 2017-05-25 [PMID: 28546444]

Fan Y, Rudert WA, Grupillo M et al. Thymus-specific deletion of insulin induces autoimmune diabetes. *EMBO J*. 2009 -08-13 [PMID: 19680229]

Grupillo M, Gualtierotti G, He J et al. Essential roles of insulin expression in Aire+ tolerogenic dendritic cells in maintaining peripheral self-tolerance of islet beta-cells. *Cell Immunol*. 2012-01-12 [PMID: 22297234]



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Products Related to H00002572-P02-10ug

H00002572-P03-10ug	Recombinant Human GAD2/GAD65 GST (N-Term) Protein
6507-IL-010/CF	IL-4 [Unconjugated]
AF2247	GAD2/GAD65 Antibody [Unconjugated]
285-IF-100	IFN-gamma [Unconjugated]

Limitations

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