

Product Datasheet

Recombinant Human Granulin GST (N-Term) Protein H00002896-Q01-10ug

Unit Size: 10 ug

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

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H00002896-Q01-10ug**Recombinant Human Granulin 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	36.74 kDa

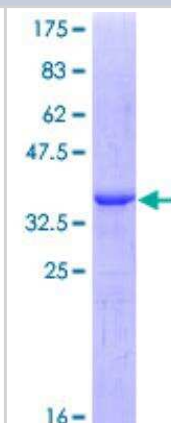
Product Description	
Description	A recombinant protein with a N-terminal GST tag corresponding to the amino acid sequence 494-593 of Human Granulin Source: <i>Wheat Germ (in vitro)</i> Amino Acid Sequence: SCEKEVVSAQPATFLARSPHVAVKDVCEGEGHFCHDNQTCCRDNRQGWACC PYRQGVCCADRRHCCPAGFRCAARGTKCLRREAPRWDAPLRDPALRQLL
Gene ID	2896
Gene Symbol	GRN
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
Recommended Dilutions	Western Blot, ELISA, Protein Array, Immunoaffinity Purification



Images

SDS-Page: Granulin Partial Recombinant Protein [H00002896-Q01]



Publications

Chen X, Chang J, Deng Q et al. Progranulin Does Not Bind Tumor Necrosis Factor (TNF) Receptors and Is Not a Direct Regulator of TNF-Dependent Signaling or Bioactivity in Immune or Neuronal Cells. *J Neurosci*. 2013-05-22 [PMID: 23699531]

De Muynck L, Herdewyn S, Beel S et al. The neurotrophic properties of progranulin depend on the granulin E domain but do not require sortilin binding. *Neurobiol Aging*. 2013-04-20 [PMID: 23706646]

Van Damme P, Van Hoecke A, Lambrechts D et al. Progranulin functions as a neurotrophic factor to regulate neurite outgrowth enhance neuronal survival. *J Cell Biol*;181(1):37-41. 2008-04-07 [PMID: 18378771]



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Limitations

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