

Product Datasheet

Recombinant Human ARFGAP1 GST (N-Term) Protein H00055738-P02-10ug

Unit Size: 10 ug

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

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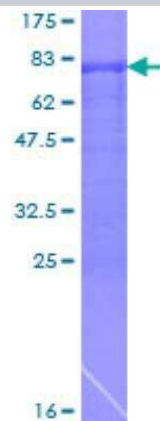


H00055738-P02-10ug**Recombinant Human ARFGAP1 GST (N-Term) Protein**

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	71.1 kDa
Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-406 of Human ARFGAP1</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MASPRTRKVLKEVRVQDENNVCFECGAFNPQWVSVTYGIWICLECSGRHRGL GVHLSFVRSVTMDKWKDIELEKMKAGGNAKFREFLESQEDYDPCWSLQEKYN SRAAALFRDKVVALAEGREWSLESSPAQNWTTPPQPRTLPSMVHRVSGQPQS VTASSDKAFEDWLNDLGSYQGAQGNRYVVGFGNTPPPQKKEDDFLNNAMSS LYSGWSSFTTGASRFASAAKEGATKFGSQASQKASELGHSLNENVLKPQAEK VKEGKIFDDVSSGVSQASKVQGVGSKGWRDVTTFSGKAEGPLDSPSEGHS YQNSGLDHFQNSNIDQSFWETFGSAEPTKTRKSPSSDSWTCADTSTERRSSD SWEVWGSASTNRNSNSDGGEGGEGTKKAVPPAVPTDDGWDNQNW</p>
Gene ID	55738
Gene Symbol	ARFGAP1
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, Immunoprecipitation, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Immunoprecipitation, Protein Array, Immunoaffinity Purification
Application Notes	Use in Functional Assay reported in scientific literature (PMID: 24282027).

Images

Recombinant Human ARFGAP1 Protein [H00055738-P02] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Cunningham LA Exploring Retromer Deficiency as a Mechanism of LRRK2-Induced Parkinson's Disease Thesis 2020-01-01 (WB, Rat)

Lavalley NJ, Slone SR, Ding H et al. 14-3-3 Proteins regulate mutant LRRK2 kinase activity and neurite shortening. Hum Mol Genet 2015-11-05 [PMID: 26546614]

Stafa K, Tsika E, Moser R et al. Functional interaction of Parkinson's disease-associated LRRK2 with members of the dynamin GTPase superfamily. Hum Mol Genet 2013-12-08 [PMID: 24282027] (Func)

Stafa K, Trancikova A, Webber PJ et al. GTPase Activity and Neuronal Toxicity of Parkinson's Disease-Associated LRRK2 Is Regulated by ArfGAP1. PLoS Genet. 2012-01-01 [PMID: 22363216]



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Products Related to H00055738-P02-10ug

H00055738-P01-10ug	Recombinant Human ARFGAP1 GST (N-Term) Protein
NB300-268	LRRK2 Antibody - BSA Free
NBP2-00513	ARFGAP1 Antibody (OT11F6)
AF887	AKT [p Ser473] Antibody [Unconjugated] - Pan Specific

Limitations

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