

Product datasheet for **TP300153**

GGA2 (NM_015044) Human Recombinant Protein

Product data:

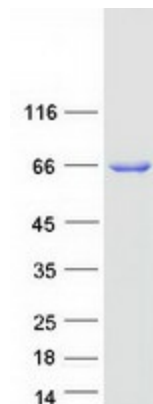
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human golgi associated, gamma adaptin ear containing, ARF binding protein 2 (GGA2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200153 protein sequence Red =Cloning site Green =Tags(s)
	<p>MAATAVAAAVAGTESAQGPPGPAASLELWLNKATDPSMSEQDWSAIQNFCEQVNTDPNGPTHAPWLLAHK IQSPQEKEALYALTVLEMCMNHCGEKFHSEVAKFRFLNELIKVLSPKYLGSWATGKVKGRVIEILFSWTV WFPEDIKIRDAYQMLKKQGIKQDPKLPVDKILPPSPWPKSSIFDADEEKSKLLTRLLKSNHPEDLQAA NRLIKNLVKEEQEKSEKVSKRVSAAVEEVRSVVKVLQEMLSMYRRPGQAPPDQEALQVYERCEKLRPTLF RLASDTTDDDDALAEILQANDLLTQGVLLYKQVMGRVTFGNRVTSSLGDIPVSRVFQNPAGCMKTCPLI DLEVDNGPAQMGTVPSSLHQLAALGISDAPVTGMVSGQNCCEEKRNPSSTLPGGGVQNPNSADRNLDD LLSPQPAPCPLNYVSQKSVPEVPPGTKSSPGWSWEAGPLAPSPSSQNTPLAQVFPVPLESVKPSLPLLI VYDRNGFRILLHFSQTGAPGHPEVQVLLLTMMSTAPQPVWDIMFQVAVPKSMRVKQLQPASSSKLPAFSP MPPAVISQMLLLDNPHKEIRLRYKLTFTNQGQPFSEVGEVKDFPDLAVLGAA</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	67 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055859
Locus ID:	23062
UniProt ID:	Q9UJY4
RefSeq Size:	5973
Cytogenetics:	16p12.2
RefSeq ORF:	1839
Synonyms:	VEAR
Summary:	This gene encodes a member of the Golgi-localized, gamma adaptin ear-containing, ARF-binding (GGA) family. This family includes ubiquitous coat proteins that regulate the trafficking of proteins between the trans-Golgi network and the lysosome. These proteins share an amino-terminal VHS domain which mediates sorting of the mannose 6-phosphate receptors at the trans-Golgi network. They also contain a carboxy-terminal region with homology to the ear domain of gamma-adaptins. This family member may play a significant role in cargo molecules regulation and clathrin-coated vesicle assembly. [provided by RefSeq, Jul 2008]
Protein Pathways:	Lysosome

Product images:



Coomassie blue staining of purified GGA2 protein (Cat# TP300153). The protein was produced from HEK293T cells transfected with GGA2 cDNA clone (Cat# [RC200153]) using MegaTran 2.0 (Cat# [TT210002]).