

## Product datasheet for TP313361M

### GGA3 (NM\_138619) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human golgi associated, gamma adaptin ear containing, ARF binding protein 3 (GGA3), transcript variant long, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213361 representing NM_138619 Red=Cloning site Green=Tags(s)

MAEAEGESLESWLNKATNPSNRQEDWEYIIGFCDQINKELEGPQIAVRLLAHKIQSPQEWALQALTVLE  
ACMKNCGRRFHNEVGKFRFLNELIKVSPKYLGDRVSEKVKTKVIELLYSWTMALPEEAKIKDAYHMLKR  
QGIVQSDPPPIPVDRTLIPSPPPRPNVFDDEEKSKLLAKLLKSKNPDDLQEANKLIKSMVKEDEARIQK  
VTKRLHTLEEVNNNVRLLESEMILLHYSQEDSSDGDRELMKELFDQCENKRRTLFKLASETEDNDNSLGDIL  
QASDNLSRVINSYKTIIEGQVINGEVATLTLPDSEGNSQCSNQGTLIDLAELDTTNSLSSVLAPAPTPPS  
SGIPILPPPPQASGPPRSRSSSQAEATLGPSSTSNALS WLDEELLCLGLADPAPNVPPKESAGNSQWHL  
QREQSDLDFSPRPGTAACGASDAPLLQPSAPSSSSSQAPLPPFPAPVVPASVPAPSAGSSLFSTGVAP  
ALAPKVEPAVPGHHGLALGNSALHHLDALDQLLEEAKVTSGLVKPTTSLIPTTTTPARLLPFSTGPGSP  
LFQPLSFQSQGSPKGPPELSIASIHVPLESIKPSALPVTA YDKNGFRILFHFAKECPPGRPDVLVVVS  
MLNTAPLPVKSIVLQAAVPKSMKVKLQPPSGTELSPFSPIQPPAAITQVMILLANPLKEKVRRLRYKLT  
FALGEQLSTEVGEVDQFPPVEQWGNL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

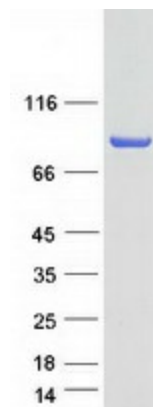
Tag:	C-Myc/DDK
Predicted MW:	78.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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Storage:	Store at -80°C.
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:	<a href="#">NP_619525</a>
Locus ID:	23163
UniProt ID:	<a href="#">Q9NZ52</a> , <a href="#">A8K6M0</a>
RefSeq Size:	3860
Cytogenetics:	17q25.1
RefSeq ORF:	2169
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. Multiple alternatively spliced transcript variants have been identified in this gene. [provided by RefSeq, Feb 2010]
Protein Families:	Druggable Genome
Protein Pathways:	Lysosome

### Product images:



Coomassie blue staining of purified GGA3 protein (Cat# [TP313361]). The protein was produced from HEK293T cells transfected with GGA3 cDNA clone (Cat# [RC213361]) using MegaTran 2.0 (Cat# [TT210002]).