

Product datasheet for TP509645

Gga1 (NM_145929) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse golgi associated, gamma adaptin ear containing, ARF binding protein 1 (Gga1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209645 representing NM_145929 Red =Cloning site Green =Tags(s)

MEPAMEPETLEARINRATNPLNKELN WASINSFCEQLNEDFEGPPLATRLLAHKIQSPQEW EAIQALTVL
ETCMKSCGKRFRHDEVGKFRFLNELIKVVSPKYLGSRTSEKVKSKILELLYSWTVCLPEEVKIAEAYQMLK
KQGIVKSDPKLPEDAIFLPPPRPKNVIFEDEEKSKMLARLLKSSHPEDLRAANKLIKEMVQEDQKRMEK
ISKRVNAIEEVNNV KLLTEMVMSHSQGAASSSEDLMKELYQRCERMRTLFRLASD TEDNDEALAEIL
QANDNLTQVINLYKQLVRGEEVNGDATASSIPGSTSALLDLSGLDLPPP GTTQPATPTRPGNQSSPEQLS
ASVSLLDDELMSLGLSDPTPPSGTSSDSV GWDNFQSSDGTSSVPPPAQAPSMDCRPPAQAPPPTSSGLD
DLDLLGKTLMQALPPEAQQRWEKQQPAPRLTLRDLQSKSSSPSGAASLLHTTSPEPPGPPPQATPTE
FSLTSITVPLESIKPSSILPVTVYDQHGF RVLFHFARDPLPGRSDVLVWVWVMSMLSTAPQPIRNIVFQSAV
PKVMKVRLQPPSGTELPAFNPIVHPSAITQV LLLANPQKEKVRRLRYKLIFTMGDQTYNEMGDVDQFP PPE
TWGSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	70 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_666041](#)

Locus ID: 106039

UniProt ID: [Q8R0H9](#)

RefSeq Size: 3034

Cytogenetics: 15 E1

RefSeq ORF: 1905

Synonyms: 4930406E12Rik; AU016030; AW209092

Summary: Plays a role in protein sorting and trafficking between the trans-Golgi network (TGN) and endosomes (PubMed:25405894). Mediates the ARF-dependent recruitment of clathrin to the TGN and binds ubiquitinated proteins and membrane cargo molecules with a cytosolic acidic cluster-dileucine (DXXLL) motif. Mediates export of the GPCR receptor ADRA2B to the cell surface (By similarity). Required for targeting PKD1:PKD2 complex from the trans-Golgi network to the cilium membrane (PubMed:25405894). Regulates retrograde transport of proteins such as phosphorylated form of BACE1 from endosomes to the trans-Golgi network (By similarity).[UniProtKB/Swiss-Prot Function]