

Product datasheet for PH308305

GGA1 (NM_001001560) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GGA1 MS Standard C13 and N15-labeled recombinant protein (NP_001001560)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208305
Predicted MW:	61.4 kDa
Protein Sequence:	>RC208305 protein sequence Red=Cloning site Green=Tags(s)

MEPAMEPETLEARINRATNPLNKELDWASINGFCEQLNEDFEGPPLATRLLAHKIQSPQWEAIIQALTVL
ETCMKSCGKRFHDEVGKFRFLNELIKVVSPKYLGSRTSEKVNKILELLYSWTVGLPEEVKIAEAYQMLK
KQGIKSDPKLPDDTTFFPLPPRPKNVIFEDEEKSKMLARLLKSSHPEDLRAANKLIKEMVQEDQKRMEK
ISKRVNAIEEVNNVKKLLTEMVMSHSQGGAAAGSSEDLMKELYQRCERMPTLFRASDTEDEALGLS
DPTPPSGPSLDGTGWNSFQSSDATEPPAPALAQAPSMESRPPAQTSLPASSGLDDDLLGKTLQQLPP
ESQQVRWEKQQPTPRLTLRDLQNKSSSCSSPSSSATSLLHTVSPEPPRPQPVPTELASITVPLESI
KPSNILPVTVYDQHGFRILFHFARDPLPGRSDVLVVVSMMLSTAPQPIRNIVFQSAVPKVMKVLQPPSG
TELPANFPIVHPSAITQVLLLANPQKEKVRRLRYKLTFTMGDQTYNEMGDVDQFPPPETWGS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001001560
RefSeq Size:	2924
RefSeq ORF:	1656



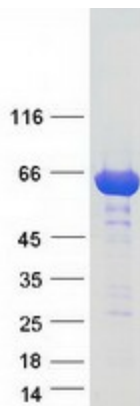
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Locus ID: 26088
UniProt ID: [Q9UJY5](#)
Cytogenetics: 22q13.1

Summary: This gene encodes a member of the Golgi-localized, gamma adaptin ear-containing, ARF-binding (GGA) protein family. Members of this family are 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 encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome
Protein Pathways: Lysosome

Product images:



Coomassie blue staining of purified GGA1 protein (Cat# [TP308305]). The protein was produced from HEK293T cells transfected with GGA1 cDNA clone (Cat# [RC208305]) using MegaTran 2.0 (Cat# [TT210002]).