

Product datasheet for **TP311749M**

COG3 (NM_031431) Human Recombinant Protein

Product data:

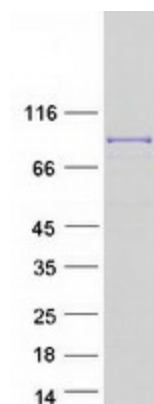
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human component of oligomeric golgi complex 3 (COG3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211749 representing NM_031431 Red =Cloning site Green =Tags(s)
	MAEAAALLLPEAAAERDAREKLALWDRRPDTTAPLTDRQTDSVLELKAAAENLPVPAELPIEDLCSLTSQ SLPIELTSVPESTEDILLKGFTSLGMEEERIETAQQFFSWFAKLQTQMDQDEGTKYRQMRDYLSGFQEQ CDAILNDVNSALQHLESLQKQYLFVSNKTGTLHEACEQLLKEQSELVDLAENIQQKLSYFNELETINTKL NSPTLSVNSDGFIPMLAKLDDCITYISSHPNFKDYPIYLLKFKQCLSKALHLMKTYTVNTLQTLTSQLLK RDPSSVPNADNAFTLFYVKFRAAAPKVRTLIEQIELRSEKIPEYQQLLNDIHQCYLDQRELLGPSIAC VAELTSQNNRDHCALVRSGCAFMVHVCQDEHQLYNEFFTPTSCLDELLEKLCVSLYDVFRPLIIHVIHL ETLSELGILKNEVLEDHVQNNAEQLGAFAGVKQMLEDVQERLVYRTHIYIQTITGYKPAPGDLAYPD KLVMMEQIAQSLKDEQKKVPSEASFSDVHLEEGESNSLTKSGSTESLNPRPQTISPADLHGMWYPTVRR TLVCLSKLYRCIDRAVFQGLSQEALSACIQSLLGASESISKNTQIDGQLFLIKHLLIREQIAPFHTEF TIKEISLDLKKTRDAAFKILNPMTVPRFFRLNSNNALIEFLLEGTPEIREHYLDSKKDVRHLKSACEQF IQQQTKLFVEQLEEFMTKVSALKTMASQGGPKYTLSQQPWAQPAKVNDLAATAYKTIKLPVTLRMSL YLSNKDTEFILFKPVRNNIQVFQKFHALLKEEFSPEDIQIIACPSMEQLSLLSVSK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	93.9 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:	NP_113619
Locus ID:	83548
UniProt ID:	Q96JB2
RefSeq Size:	4500
Cytogenetics:	13q14.13
RefSeq ORF:	2484
Synonyms:	SEC34
Summary:	This gene encodes a component of the conserved oligomeric Golgi (COG) complex which is composed of eight different subunits and is required for normal Golgi morphology and localization. Defects in the COG complex result in multiple deficiencies in protein glycosylation. The protein encoded by this gene is involved in ER-Golgi transport.[provided by RefSeq, Jun 2011]

Product images:



Coomassie blue staining of purified COG3 protein (Cat# [TP311749]). The protein was produced from HEK293T cells transfected with COG3 cDNA clone (Cat# [RC211749]) using MegaTran 2.0 (Cat# [TT210002]).