

Product datasheet for TP311607M

COG5 (NM_006348) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human component of oligomeric golgi complex 5 (COG5), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211607 representing NM_006348 Red =Cloning site Green =Tags(s)

MGWVGGRRRDSASPPGRSRSAADDINPAPANMEGGGGSVAVAGLGARGSGAAAATVRELLQDGCYSDFLN
EDFDVKTYTSQSIHQAVIAEQLAKLAQGISQLDRELHLQVVARHEDLLAQTGIESLEGVLQMMQTRIGA
LQGAVDRIKAKIVEPYNKIVARTACLARLQVACDLLRRIIRILNLSKRLQGGQLQGGSSREITKAAQSLNEL
DYLQSGIDLSGIEVIENDLLFIARARLEVENQAKRILLEQGLETQNPQTQVGTALQVFYNLGLTKDITTSV
DGYCATLEENINSALDIKVLTPSQSAVRGGPGRSTMPGNTAALRASLWTNMEKLMDHIVAVCGQVQH
LQKVLAKKRDVPVSHICFIEIVKDGQPEIFYTFWNSVTQALSSQFHMATNSSMFLKQAFEGEYPKLLRLY
NDLWKRLQQYSQHIQGNFNASGTTDLVLDLQHMEDDAQDIFIPKPKDYDPEKALKDLSQPYEAAVLSKSL
SRLFDPINLVFPPGGRNPPSSDELGGIITIASELNVAAVDTNLTAVSKNVAKTIQLYSVKSEQLLSTQ
GDASQVIGPLTEGQRRNVAVVNSLYKLHQSVTKVSSQSSFLAAEQTIISALKAIHALMENAVQPLLTS
VGDAIEAIIITMHQEDFSGSLSSSGKPDVPCSLYMKELQGFARVMSDYFKHFECLDFVFDNTEAIAQRA
VELFIRHASLIRPLGEGGKMRLAADFAQME LAVGPF CRRVSDLGKSYRMLRSRPLLFQASEHVASSPAL
GDVIPFSIIIQFLFTRAPAEKSPFQRAEWSHTRFSQWLDDHPSEKDRLLLIRGALEYVQSVRSREGKE
FAPVYPIMVQLLQKAMSALQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

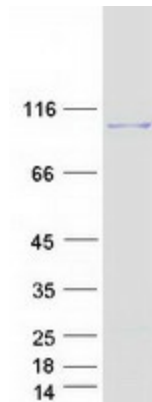
Tag:	C-Myc/DDK
Predicted MW:	94.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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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.
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_006339
Locus ID:	10466
UniProt ID:	Q9UP83
RefSeq Size:	3604
Cytogenetics:	7q22.3
RefSeq ORF:	2580
Synonyms:	CDG2I; GOLTC1; GTC90
Summary:	The protein encoded by this gene is one of eight proteins (Cog1-8) which form a Golgi-localized complex (COG) required for normal Golgi morphology and function. The encoded protein is organized with conserved oligomeric Golgi complex components 6, 7 and 8 into a sub-complex referred to as lobe B. Alternative splicing results in multiple transcript variants. Mutations in this gene result in congenital disorder of glycosylation type 2I.[provided by RefSeq, Jan 2011]

Product images:



Coomassie blue staining of purified COG5 protein (Cat# [TP311607]). The protein was produced from HEK293T cells transfected with COG5 cDNA clone (Cat# [RC211607]) using MegaTran 2.0 (Cat# [TT210002]).