

Product datasheet for PH311749

COG3 (NM_031431) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	COG3 MS Standard C13 and N15-labeled recombinant protein (NP_113619)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211749
Predicted MW:	93.9 kDa
Protein Sequence:	>RC211749 representing NM_031431 Red=Cloning site Green=Tags(s)

MAEAALLLPEAAAERDAREKLALWDRPDTPAPLTDRQTDSVLELKAAAENLPVPAELPIEDLCSLTQ
SLPIELTSVVPSTEDILLKGFTSLGMEERIETAQQFFSWFAKLQTQMDQDEGKYRQMRDYLSGFQEQ
CDAILNDVNSALQHLESLQKQYLFVSNKTGTLHEACEQLLKEQSELVDLAENIQKLSYFNELETINTKL
NSPTLSVNSDGFIPMLAKLDDCITYISSHPNFKDYPIYLLKFKQCLSKALHLMKTYTVNTLQTLTSQLLK
RDPSSVPNADNAFTLFYVKFRAAAPKVRTLIEQIELRSEKIPEYQQLNDIHQCYLQDRELLGPSIACT
VAELTSQNNRDHICALVRSGCFMVHVCQDEHQLYNEFFTKPTSKLDELLEKLCVSLYDVFRLIIHVIHL
ETLSELCGILKNEVLEDHVQNNAEQLGAFAGVKQMLEDVQERLVYRTHIYIQTIDITGYKPAPGDLAYPD
KLVMMEQIAQSLKDEQKKVPSEASFSDVHLEEGESNSLTKSGSTESLNPRPQTTISPADLHGMWYPTVRR
TLVCLSKLYRCIDRAVFQGLSQEALSACIQSLLGASESISKNTQIDGQLFLIKHLLILREQIAPFHTEF
TIKEISLDLKKTRDAFAFKILNPMTVPRFFRLNSNNALIEFLLEGTPETIREHYLDSKKDVRHLKSACEQF
IQQQTKLFVEQLEEFMTKVSALKTMASQGGPKYTLSSQPAQPAKVNDLAATAYKTIKTKLPVTLRSM
YLSNKDTEFIFLKPVRNNIQQVFQKFHALLKEEFSPEDIQIIACPSMEQLSLLSVSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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_113619



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RefSeq Size: 4500

RefSeq ORF: 2484

Synonyms: SEC34

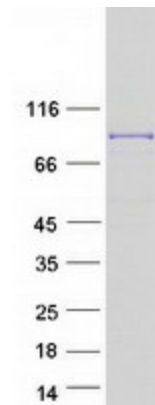
Locus ID: 83548

UniProt ID: [Q96JB2](#)

Cytogenetics: 13q14.13

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]).