

## Product datasheet for PH307981

### COG6 (NM\_020751) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	COG6 MS Standard C13 and N15-labeled recombinant protein (NP_065802)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207981
Predicted MW:	73.3 kDa
Protein Sequence:	>RC207981 protein sequence Red=Cloning site Green=Tags(s)

MAEGSGEVVAVSATGAANGLNNGAGGTSATTCNPLSRKLEHLETRLDNDKEMLEALKALSTFFVENSRL  
TRRNLRGDIERKSLAINEEFVSIKFEVKEELESISEDVQAMSNCQDMTSRLQAAKEQTQDLIVKTTKLQ  
SESQKLEIRAQVADAFLSKFQLTSDMSLLRGTREGPITEDFFKALGRVKQIHNDVKVLLRTNQQTAGLE  
IMEQMALLQETAYERLYRWAQSECRTLQESCDVSPVLQAMEALQDRPVLKYKTLDEFGTARRSTVVRG  
FIDALTRGGPGGTPRPIEMHSHDPLRYVGDMLAWLHQATASEKEHLEALLKHVTTQGVENIQEVVGHIT  
EGVCRPLKVRIEQVIVAEPGAVLLYKISNLLKFYHHTISGIVGNSATALLTTIEEMHLLSKKIFFNSLSL  
HASKLMDKVELPPPDLGPSSALNQTMLLREVLASHDSSVPLDARQADFVQVLSVLDPLLQMCTVSAS  
NLGTADMATFMVNSLYMMKTTLALFEFTDRRLEMLQFQIEAHLDTLINEQASYVLTRVGLSYIYNTVQQH  
KPEQGSLANMPNLDVTLKAAMVQFDRYLSAPDNLLIPQLNLLSATVKEQIVKQSTELVCRAYGEVYAA  
VMNPINEYKDPENILHRSPQQVQTLLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

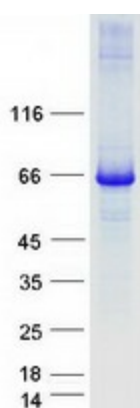
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_065802</a>
RefSeq Size:	3627



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RefSeq ORF:	1971
Synonyms:	CDG2L; COD2; SHNS
Locus ID:	57511
UniProt ID:	<a href="#">Q9Y2V7</a> , <a href="#">A0A024RDW5</a>
Cytogenetics:	13q14.11
Summary:	This gene encodes a subunit of the conserved oligomeric Golgi complex that is required for maintaining normal structure and activity of the Golgi apparatus. The encoded protein is organized with conserved oligomeric Golgi complex components 5, 7 and 8 into a sub-complex referred to as lobe B. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2009]

### Product images:



Coomassie blue staining of purified COG6 protein (Cat# [TP307981]). The protein was produced from HEK293T cells transfected with COG6 cDNA clone (Cat# [RC207981]) using MegaTran 2.0 (Cat# [TT210002]).