

## Product datasheet for TP307130

### COG7 (NM\_153603) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human component of oligomeric golgi complex 7 (COG7), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207130 protein sequence Red=Cloning site Green=Tags(s)

MDFSKFLADDFDVKEWINAAFRAGSKEAASGKADGHAATLVMKLQLFIQEVNHAVEETSHQALQNMPKVL  
RDVEALKQEASFLKEQMILVKEDIKKFEQDTSQSMQVLVEIDQVKSRMQLAAESLQEADKWSTLSADIEE  
TFKTQDIAVISAKLTGMQNSLMMLVDTPDYSEKCVHLEALKNRLEALASPQIVAAFTSQAVDQSKVFKV  
FTEIDRMPQLLAYYYKCHKVQLLAAWQELCQSDLSLDRQLTGLYDALLGAWHTQIQWATQVFQKPHEVVM  
VLLIQTALGALMPSLPSCLSNVERAGPEQELRLLLEFYDATAHFAGLEMALLPHLHEHNLVKVTELVDA  
VYDPYKPYQLKYGDMEEENLLIQMSAVPLEHGEVIDCVQELSHSVNKLFLGLASAAVDRCVRFTNGLGTCC  
LLSALKSLFAKYVSDFTSTLQSIRKKCKLDHIPPNSLFQEDWTAFAQNSIRIIATCGELLRHCGDFEQQLA  
NRILSTAGKYLSDSCSPRSLAGFQESILTDKKNNAKPNWQEYNYLQKDNPAEYASLMEILYTLKEKGSSN  
HNLLAAPRAALTRLNQQAHQLAFDSVFLRIKQQLLLISKMDSWNTAGIGETLDELPAFSLTPLEYISNI  
GQYIMSLPLNLEPFVTQEDSALELALHAGKLPFPPEQGDELPELDNMADNWLGSIARATMQTYCDAILQI  
PELSPHSAKQLATDIDYLINVMDALGLQPSRTLQHIVTLKTRPEDYRQVSKGLPRRLATTVATMRSVNY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

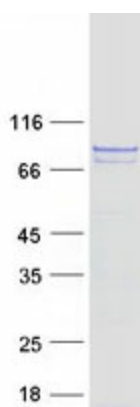
Tag:	C-Myc/DDK
Predicted MW:	86.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_705831</a>
<b>Locus ID:</b>	91949
<b>UniProt ID:</b>	<a href="#">P83436</a> , <a href="#">A0A0S2Z652</a>
<b>RefSeq Size:</b>	2943
<b>Cytogenetics:</b>	16p12.2
<b>RefSeq ORF:</b>	2310
<b>Synonyms:</b>	CDG2E
<b>Summary:</b>	The protein encoded by this gene resides in the golgi, and constitutes one of the 8 subunits of the conserved oligomeric Golgi (COG) complex, which is required for normal golgi morphology and localization. Mutations in this gene are associated with the congenital disorder of glycosylation type IIe.[provided by RefSeq, May 2010]

### Product images:



Coomassie blue staining of purified COG7 protein (Cat# TP307130). The protein was produced from HEK293T cells transfected with COG7 cDNA clone (Cat# [RC207130]) using MegaTran 2.0 (Cat# [TT210002]).