

Recombinant Human COG1 Protein, GST-tagged

Cat. No. COG1-1620H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human COG1 full-length ORF (NP_061184.1, 1 a.a. - 980 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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. It is thought that this protein is required for steps in the normal medial and trans Golgi-associated processing of glycoconjugates and plays a role in the organization of the Golgi-localized complex. [provided by RefSeq, Jul 2008]
Molecular Mass	135.4 kDa
AA Sequence	MATAATSPALKRLDLRDPALFETHGAEIIRGLERQVRAEIEHKKEELRQMVGERYR DLIEAADTIGQMRRCAVGLVDAVKATDQYCARLRQAGSAAPRPPRAQQPQQPSQE KFYSMAAQIKLLEIPEKIWSSMEASQCLHATQLYLLCCHLHSLQLDSSSSRYSPVL SRFPILIRQVAAASHFRSTILHESKMLLKCGVSDQAVAEALCSIMLLEESSPRQALT DFLLARKATIQLLNQPHHGAGIKAQICSLVELLATTLKQAHALFYTLPEGLLPDPALP CGLLFSTLETITGQHPAGKGTGVLQEEMKLCSWFKHLPASIVEFQPTLRTLAHPISQE YLKDTLQKWIHMCNEDIKNGITNLLMYVKSMKGLAGIRDAMWELLTNESTNHSWDVL CRRLLEKPLLFWEDMMQQLFLDRLQTLTKEGFDSISSSSKELLVSALQELESSTSNS PSNKHIHFEYNMSLFLWSESPNDLPSDAAWVSVANRGQFASSGLSMKAQAISPCVQ

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NFCSALDSKLVKLLDDLLAYLPSSDSSLPKDVSPTQAKSSAFDRYADAGTVQEMLRT
 QSVACIKHIVDCIRAEALSIEEGVQGGQDALNSAKLHSLVLFMARLCQSLGELCPHLK
 QCILGKSESSEKPAREFRALRKQGKVKVTQEIIPTQAKWQEVKEVLLQQSVMGYQVW
 SSAVVKVLHIGFTQSLLLDDAGSVLATATSWDELEIQEEAESGSSVTSKIRLPAQPSW
 YVQSFLFSLCQEINRVGGHALPKVTLQEMLKSCMVQVVAAYEKLSEEKQIKKEGAFP
 VTQNRALQLLYDLRYLNIVLTAKGDEVKSGRSKPDSRIEKVTDHLEALIDPFDLDVFT
 PHLNSNLHRLVQRTSVLFGLVTGTENQLAPRSSTFNSQEPHNILPLASSQIRFGLLPL
 SMTSTRKAKSTRNIETKAQVPPARSTAGDPTVPGSLFRQLVSEEDNTSAPSLFKLG
 WLSSMTK

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [COG1 component of oligomeric golgi complex 1 \[Homo sapiens \]](#)

Official Symbol [COG1](#)

Synonyms COG1; component of oligomeric golgi complex 1; LDLB, low density lipoprotein receptor defect B complementing; conserved oligomeric Golgi complex subunit 1; KIAA1381; COG complex subunit 1; conserved oligomeric Golgi complex protein 1; low density lipoprotein receptor defect B complementing; LDLB; CDG2G;

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	DKFZp762L1710;
Gene ID	9382
mRNA Refseq	NM_018714
Protein Refseq	NP_061184
MIM	606973
UniProt ID	Q8WTW3

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