

Recombinant Full Length Human COG1 Protein, GST-tagged

Cat. No. COG1-2079HF 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	In Vitro Cell Free System
ProteinLength	980 amino acids
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 CGLLFSTLETITGQHPAGKGTGVLQEEMKLCSWFKHLPASIVEFQPTLRLAHPISQE YLKDTLQKWIHMCNEDIKNGITNLLMYVKSMKGLAGIRDAMWELLTNESTNHSWDVL CRRLLEKPLLFWEDMMQQLFLDRLQTLTKEGFDSISSSSKELLVSALQELESSTSNS

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PSNKHIHFEYNMSLFLWSESPNDLPSDAAWVSVANRGQFASSGLSMKAQAISPCVQ
 NFCALDSKLVKLDLLAYLPSDDSSLPKDVSPQAKSSAFDRYADAGTVQEMLRT
 QSVACIKHIVDCIRAEALSIEEGVQGGQDALNSAKLHVSFLMARLCQSLGELCPHLK
 QCILGKSESSEKPAREFRALRKQGGKVKQTQEIIPTQAKWQEVKEVLLQQSVMGYQVW
 SSAVVKVLHGFQSLLLDDAGSVLATATSWDELEIQEEAESGSSVTSKIRLPAQPSW
 YVQSFLFSLCQEINRVGGHALPKVTLQEMLMSCMVQVVAAYEKLSEEKQIKKEGAFP
 VTQNRALQLLYDLRYLNIVLTAKGDEVKSGRSKPSRIEKVTDHLEALIDPFDLVFT
 PHLNSNLHRLVQRTSVLFGVLTGTENQLAPRSSSTFNSQEPHNILPLASSQIRFGLLPL
 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;

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low density lipoprotein receptor defect B complementing; LDLB; CDG2G;
DKFZp762L1710

Gene ID 9382

mRNA Refseq NM_018714

Protein Refseq NP_061184

MIM 606973

UniProt ID Q8WTW3

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