

Recombinant Full Length Human COG7 Protein, GST-tagged

Cat. No. COG7-2084HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COG7 full-length ORF (AAH37563, 1 a.a. - 770 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	770 amino acids
Description	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]
Molecular Mass	110.44 kDa
AA Sequence	MDFSKFLADDFDVKEWINAAFRAGSKEAASGKADGHAATLVMKLQLFIQEANHAVE ETSHQALQNMPKVLRDVEALKQEASFLKEQMILVKEDIKKFEQDTSQSMQVLVEIDQ VKSRMQLAAESLQEADKWSTLSADIEETFKTQDIAVISAKLTGMQNSLMMLVDTPDY SEKCVHLEALKNRLEALASPQIVAAFTSQAVDQSKVFKVFTEIDRMPQLLAYYYKC HKVQLLAAWQELCQSDLSLDRQLTGLYDALLGAWHTQIQWATQVFQKPHEVVMVL LIQTLGALMPSLPSCLSNGVERAGPEQELTRLLEFYDATAHFAKGLEMALLPHLHEH NLVKVTELVDVYDPYKPYQLKYGDMEESNLLIQMSAVPLEHGEVIDCVQELSHSVN KLFLGLASAAVDRCVRFTNGLGTCGLLSALKSLFAKYVSDFTSTLQSIRKKCKLDHIPP NSLFQEDWTAFQNSIRIIATCGELLRHCGDFEQQLANRILSTAGKYLSDESCSPRSLAG

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

FQESILTDKKNSAKNPWQEYNYLQKDNPAEYASLMEILYTLKEKGSSNHNLLAAPRA
ALTRLNQQAHQLAFDSVFLRIKQQLLLISKMDSWNTAGIGETLTDELPAFSLTPLEYIS
NIGQYIMSLPLNLEPFVTQEDSALELALHAGKLPFPPEQGDELPELDNMADNWLGSI
ARATMQTYCDAILQIPELSPHSAKQLATDIDYLVMDALGLQPSRTLQHIVTLLKTRP
EDYRQVSKGLPRRLATTVATMRSVNY

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

COG7 component of oligomeric golgi complex 7 [Homo sapiens]

Official Symbol

COG7

Synonyms

COG7; component of oligomeric golgi complex 7; conserved oligomeric Golgi complex subunit 7; COG complex subunit 7; CDG2E

Gene ID

91949

mRNA Refseq

NM_153603

Protein Refseq

NP_705831

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MIM	606978
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UniProt ID	P83436
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