Recombinant Human COG4 Protein, GST-tagged

Cat. No. COG4-1626H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COG4 full-length ORF (BAB14286.1, 1 a.a. - 785 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a component of an oligomeric protein complex involved in the structure and function of the Golgi apparatus. Defects in this gene may be a cause of congenital disorder of glycosylation type IIj. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Aug 2010]
Molecular Mass	115.4 kDa
AA Sequence	MADLDSPPKLSGVQQPSEGVGGGRCSEISAELIRSLTELQELEAVYERLCGEEKVVE RELDALLEQQNTIESKMVTLHRMGPNLQLIEGDAKQLAGMITFTCNLAENVSSKVRQ LDLAKNRLYQAIQRADDILDLKFCMDGVQTALRSEDYEQAAAHIHRYLCLDKSVIELS RQGKGGSMIDANLKLLQEAEQRLKAIVAEKFAIATKEGDLPQVERFFKIFPLLGLHEE GLRRFSEYLCKQVASKAEENLLMVLGTDMSDRRAAVIFADTLTLLFEGIARIVEAHQP IVETYYGPGRLYTLIKYLQVECDRQVEKVVDKFIKQRDYHQQFRHVQNNLMRNSTTE KIEPRELDPILTEVTLMNARSELYLRFLKKRISSDFEVGDSMASEEVKQEHQKCLDKL LNNCLLSCTMQELIGLYVTMEEYFMRETVNKAVALDTYEKGQLTSSMVDDVFYIVKK CIGRALSSSSIDCLCAMINLATTELESDFRDVLCNKLRMGFPATTFQDIQRGVTSAVNI

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

	MHSSLQQGKFDTKGIESTDEAKMSFLVTLNNVEVCSENISTLKKTLESDCTKLFSQGI GGEQAQAKFDGCLSDLAAVSNKFRDLLQEGLTELNSTAIKPQVQPWINSFFSVSHNI EEEEFNDYEANDPWVQQFILNLEQQMAEFKASLSPVIYDSLTGLMTSLVAVELEKVV LKSTFNRLGGLQFDKELRSLIAYLTTVTTWTIRDKFARLSQMATILNLERVTEILDYWG PNSGPLTWRLTPAEVRQVLALRIDFRSEDIKRLRL
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	COG4 component of oligomeric golgi complex 4 [Homo sapiens]
Official Symbol	COG4
Synonyms	COG4; component of oligomeric golgi complex 4; conserved oligomeric Golgi complex subunit 4; COD1; DKFZP586E1519; complexed with Dor1p; COG complex subunit 4; conserved oligomeric Golgi complex protein 4; CDG2J; DKFZp586E1519;
Gene ID	25839
mRNA Refseq	NM_001195139

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Protein Refseq	NP_001182068
MIM	606976
UniProt ID	Q9H9E3

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