Recombinant Human COG4, His-tagged

Cat. No. COG4-27221TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 1-478 of Human COG4 with N terminal His tag; MWt 55kDa.
Species	Human
Source	E.coli
ProteinLength	1-478 a.a.
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.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 110 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MADLDSPPKLSGVQQPSEGVGGGRCSEISAELIRSLTELQ ELEAVYERLCGEEKVV ERELDALLEQQNTIESKMVTLH RMGPNLQLIEGDAKQLAGMITFTCNLAENVSSKVR

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	QLD LAKNRLYQAIQRADDILDLKFCMDGVQTALRSEDYEQA AAHIHRYLCLDKSVIE LSRQGKEGSMIDANLKLLQEAEQRLKAIVAEKFAIATKEGDLPQVERFFKIFPLLGLHE EGL RKFSEYLCKQVASKAEENLLMVLGTDMSDRRAAVIFAD TLTLLFEGIARIVETH QPIVETYYGPGRLYTLIKYLQV ECDRQVEKVVDKFIKQRDYHQQFRHVQNNLMRNS TTEK IEPRELDPILTEVTLMNARSELYLRFLKKRISSDFEVGDSMASEEVKQEHQKCL DKLLNNCLLSCTMQELIGLYVTME EYFMRETVNKAVALDTYEKGQLTSSMVDDVFYI VKKCI GRALSSSSIDCLCAMI

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;
Gene ID	25839
mRNA Refseq	NM_001195139
Protein Refseq	NP_001182068
MIM	606976
Uniprot ID	Q9H9E3
Chromosome Location	16
Function	protein binding;

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