Recombinant Full Length Human COG8 Protein, GST-tagged

Cat. No. COG8-2085HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COG8 full-length ORF (AAH17492.1, 1 a.a. - 219 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	219 amino acids
Description	This gene encodes a protein that is a component of the conserved oligomeric Golgi (COG) complex, a multiprotein complex that plays a structural role in the Golgi apparatus, and is involved in intracellular membrane trafficking and glycoprotein modification. Mutations in this gene cause congenital disorder of glycosylation, type IIh, a disease that is characterized by under-glycosylated serum proteins, and whose symptoms include severe psychomotor retardation, failure to thrive, seizures, and dairy and wheat product intolerance. [provided by RefSeq, Jul 2008]
Molecular Mass	49.7 kDa
AA Sequence	MNSYMLISAPAILGTSNMPAAVPATQPGTLQPPMVLLDFPPLACFLNNILVAFNDLRL CCPVALAQDVTGALEDALAKVTKIILAFHRAEEAAFSSGEQELFVQFCTVFLEDLVPY LNRCLQVLFPPAQIAQTLGIPPTQLSKYGNLGHVNIGAIQEPLAFILPKRETLFTLDDQ ALGPELTAPAPEPPAEEPRLEPAGPACPEGGRAETQAEPPSVGP
Applications	Enzyme-linked Immunoabsorbent Assay

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	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	COG8 component of oligomeric golgi complex 8 [Homo sapiens]
Official Symbol	COG8
Synonyms	COG8; component of oligomeric golgi complex 8; conserved oligomeric Golgi complex subunit 8; DOR1; FLJ22315; dependent on RIC1; COG complex subunit 8; conserved oligomeric golgi complex component 8; CDG2H
Gene ID	84342
mRNA Refseq	NM_032382
Protein Refseq	NP_115758
MIM	606979
UniProt ID	Q96MW5

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