Recombinant Human COG8, GST-tagged

Cat. No. COG8-11422H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COG8 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-219a.a.
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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

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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
Chromosome Location	16q22.1

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