

Recombinant Human COG1, GST-tagged

Cat. No. COG1-11417H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COG1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-420a.a.
Description	The protein encoded by this gene is one of eight proteins (Cog1-8) which form a Golgi-localized complex (COG) required for normal Golgi morphology and function. It is thought that this protein is required for steps in the normal medial and trans Golgi-associated processing of glycoconjugates and plays a role in the organization of the Golgi-localized complex.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	COG1 component of oligomeric golgi complex 1 [Homo sapiens]
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Official Symbol	COG1
Synonyms	COG1; component of oligomeric golgi complex 1; LDLB, low density lipoprotein receptor defect B complementing; conserved oligomeric Golgi complex subunit 1; KIAA1381; COG complex subunit 1; conserved oligomeric Golgi complex protein 1; low density lipoprotein receptor defect B complementing; LDLB; CDG2G; DKFZp762L1710;
Gene ID	9382
mRNA Refseq	NM_018714
Protein Refseq	NP_061184
MIM	606973
UniProt ID	Q8WTW3
Chromosome Location	17q25.1
Function	protein binding;

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