

Recombinant Full Length Human COG3 Protein, GST-tagged

Cat. No. COG3-2081HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COG3 full-length ORF (NP_113619.1, 1 a.a. - 828 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	828 amino acids
Description	This gene encodes a component of the conserved oligomeric Golgi (COG) complex which is composed of eight different subunits and is required for normal Golgi morphology and localization. Defects in the COG complex result in multiple deficiencies in protein glycosylation. The protein encoded by this gene is involved in ER-Golgi transport.[provided by RefSeq, Jun 2011]
Molecular Mass	120.4 kDa
AA Sequence	MAEAALLLLPEAAAERDAREKLALWDRRPDTTAPLTDRQTDSVLELKAAAENLPVPA ELPIEDLCSLTSQSLPIELTSVVPESTEDILKLGFTSLGMEERIETAQQFFSWFAKLQ TQMDQDEGTKYRQMRDYLSGFQEQCDAILNDVNSALQHLESLQKQYLFVSNKTGT LHEACEQLLKEQSELVDLAENIQKLSYFNELETINTKLNSPTLSVNSDGFIPMLAKLD DCITYISSHPNFKDYPIYLLKFKQCLSKALHLMKTYTVNTLQTLTSQLLKRDPSVPNA DNAFTLFYVKFRAAAPKVRTLIEQIELRSEKIPEYQQLLNDIHQCYLDQRELLGPSIA CTVAELTSQNNRDHCALVRSGCAFMVHVCQDEHQLYNEFFTKPTSKLDELLEKLCV SLYDVFRLIIHVIHLETLSLSELCGILKNEVLEDHVQNNAEQLGAFAAGVKQMLEDVQE

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RLVYRTHIYIQTDITGYKPAPGDLAYPDKLVMMEQIAQSLKDEQKKVPSEASFSDVHL
 EEGESNSLTKSGSTESLNPRPQTTISPADLHGMWYPTVRRTLVLCLSKLYRCIDRAVF
 QGLSQEALSACIQSLLGASESISKNKTQIDGQLFLIKHLLILREQIAPFHTEFTIKEISLD
 LKKTRDAAFKILNPMTVPRFFRLNSNNALIEFLLEGTPEIREHYLDSKKDVDRHLKSA
 CEQFIQQQTKLFVEQLEEFMTKVSALKTMASQGGPKYTLSQQPWAQPAKVSDLAAT
 AYKTIKTKLPVTLRSMSLYLSNKDTEFILFKPVRNNIQQVFQKFHALLKEEFSPEDIQII
 ACPSMEQLSLLSVSK

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

COG3 component of oligomeric golgi complex 3 [Homo sapiens]

Official Symbol

COG3

Synonyms

COG complex subunit 3; Cog3; COG3_HUMAN; Component of golgi transport complex 3; Component of oligomeric Golgi complex 3; Conserved oligomeric Golgi complex subunit 3; p94; SEC34; SEC34 S. cerevisiae homolog of; Tethering factor SEC34; Vesicle docking protein SEC34 homolog; Vesicle-docking protein SEC34 homolog

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Gene ID	83548
mRNA Refseq	NM_031431.3
Protein Refseq	NP_113619.2
MIM	606975
UniProt ID	Q96JB2

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