

Recombinant Human COG3 Protein, GST-tagged

Cat. No. COG3-1624H **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	Wheat Germ
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 ELPIEDLCSLTSQSLPIELTSVVPESTEDILLKGFTSLGMEEERIETAQQFFSWFAKLQ TQMDQDEGTKYRQMRDYLSGFQEQCDAILNDVNSALQHLESLQKQYLFVSNKTGT LHEACEQLLKEQSELVDLAENIQKLSYFNELETINTKLNSTLSVNSDGFIPMLAKLD DCITYISSHPNFKDYPIYLLKFKQCLSKALHLMKTYTVNTLQTLTSQLLKRDPSVPNA DNAFTLFYVKFRAAAPKVRTLIEQIELRSEKIPEYQQLNDIHQCYLDQRELLGPSIA CTVAELTSQNNRDHCALVRSGCAFMVHVCQDEHQLYNEFFTPTSCLKDELLEKLCV SLYDVFRLPIIHVIHLETLSLSELCGILKNEVLEDHVQNNAEQLGAFAAGVKQMLEDVQE RLVYRTHIYIQTDITGYKPAPGDLAYPDKLVMMEQIAQSLKDEQKKVPSEASFSDVHL

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EEGESNSLTKSGSTESLNPRPQTTISPADLHGMWYPTVRRTLVLCLSKLYRCIDRAVF
 QGLSQEALSACIQSLLGASESISKNKQTQIDGQLFLIKHLLILREQIAPFHTEFTIKEISLD
 LKKTRDAAFKILNPMTVPRFFRLNSNNALIEFLLEGTPEIREHYLDSKKDVDRHLKSA
 CEQFIQQQTKLFVEQLEEFMTKVSALKTMASQGGPKYTLSQQPWAQPAKVSDLAAT
 AYKTIKTKLPVTLRSMSLYLSNKDTEFILFKPVRNNIQQVFQKFHALLKEEFSPEDIQII
 ACPSMEQLSLLLSVSK

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;

Gene ID

83548

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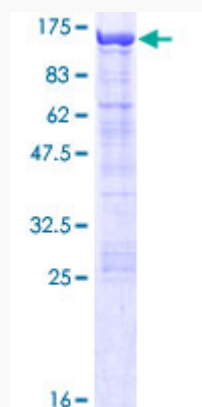
mRNA Refseq [NM_031431.3](#)

Protein Refseq [NP_113619.2](#)

MIM [606975](#)

UniProt ID [Q96JB2](#)

Quality Control
Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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