

Recombinant Human EXOC3 Protein, GST-tagged

Cat. No. EXOC3-3556H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EXOC3 full-length ORF (NP_009208.2, 1 a.a. - 745 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a component of the exocyst complex, a multiple protein complex essential for targeting exocytic vesicles to specific docking sites on the plasma membrane. Though best characterized in yeast, the component proteins and functions of exocyst complex have been demonstrated to be highly conserved in higher eukaryotes. At least eight components of the exocyst complex, including this protein, are found to interact with the actin cytoskeletal remodeling and vesicle transport machinery. The complex is also essential for the biogenesis of epithelial cell surface polarity. [provided by RefSeq, Jul 2008]
Molecular Mass	112 kDa
AA Sequence	MKETDREAVATAVQRVAGMLQRPDQLDKVEQYRRREARKKASVEARLKAAIQSQL DGVRTGLSQLHNALNDVKDIQQSLADVSKDWRQSINTIESLKDVKDAVVQHSQAAAA VENLKNIFSVPEIVRETQDLIEQGALLQAHKRKLMLECSRDLGLMYEQYRMDSGNTRD MTLIHGYFGSTQGLSDELAQQLWMVLQRSLVTVRRDPTLLVSVVRIIEREEKIDRRIL DRKKQTGFVPPGRPKNWKEKMFILERTVTTRIETQADTRESKMWLVVRHLEIIRK YVLDLIVAKNLMVQCFFPHYEIFKNLLNMYHQALSTRMQDLASEDLEANEIVSLLTW

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VLNTYTSTEMMRNVELAPEVDVGTLEPLLSPHVVSELLDTYMSTLTSNIIAWLRKALE
 TDKKDWWKETEPADQDGYQTTLPAIVFQMFEQNLQVAAQISED LKTKVLVLC LQQ
 MNSFLSRYKDEAQLYKEEHLNRQHPHCYVQYMAIINNCQTFKESIVSLKRKYLKNE
 VEEGVSPSQPSMDGILDIAIAKEGCSGLLEEVL DLEQHLNELMTKKWLLGSNAVDIIC
 VTVEDYFNDFAKIKKPYKKRMTAEAHRRVVVEYLRAVMQKRISFRSPEERKEGAEK
 MVREAEQLRFLFRKLASGFGEDVDGYCDTIVAVAEVIKLTDP SLLYLEVSTLVSKYPD
 IRDDHIGALLAVRGDASRDMKQTIMETLEQGPAQASPSYVPLFKDIVVPSLNVAKLLK

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

EXOC3 exocyst complex component 3 [Homo sapiens]

Official Symbol

EXOC3

Synonyms

EXOC3; exocyst complex component 3; SEC6 like 1 (S. cerevisiae) , SEC6L1;
 Sec6p; SEC6-like 1; Sec 6 homolog; exocyst complex component Sec6; SEC6;
 SEC6L1;

Gene ID

11336

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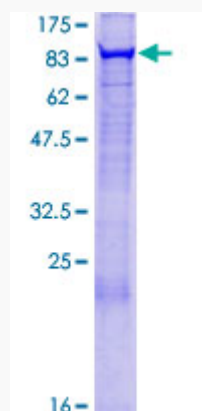
mRNA Refseq [NM_007277](#)

Protein Refseq [NP_009208](#)

MIM [608186](#)

UniProt ID [O60645](#)

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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