

# Recombinant Full Length Human EXOC3 Protein, GST-tagged

Cat. No. EXOC3-4392HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human EXOC3 full-length ORF ( NP_009208.2, 1 a.a. - 745 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	745 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	112 kDa
<b>AA Sequence</b>	MKETDREAVATAVQQRVAGMLQRPDQLDKVEQYRRREARKKASVEARLKAAIQSQL DGVRTGLSQLHNALNDVKDIQQSLADVSKDWRQSINTIESLKDVKDAVVQHSQAAAA VENLKNIFSVPEIVRETQDLIEQGALLQAHRKLMLECSRDLGMYEQYRMDSGNTRD MTLIHGYFGSTQGLSDELAKQLWMVLQRSLVTVRRDPTLLVSVVRIIEREEKIDRRIL DRKKQTGFVPPGRPKNWKEKMFTILERTVTTRIEGTQADTRESDKMWLVHRHLEIIRK

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YVLDLIVAKNLMVQCFFPHYEIFKNLLNMYHQALSTRMQDLASEDLEANEIVSLLTW  
 VLNTYTSTEMMRNVELAPEVDVGTLEPLLSPHVVSELLDTYMSTLTSNIIAWLRKALE  
 TDKKDWVKETEPEADQDGYQTTLPAIVFQMFEQNLQVAAQISEDLKTQVLVLCLOQ  
 MNSFLSRYKDEAQLYKEEHLRNRQHPHCYVQYMAIINNCQTFKESIVSLKRKYLKNE  
 VEEGVSPSQPSMDGILDIAIAKEGCSGLLEEFLDLEQHLNELMTKKWLLGNSNAVDIIC  
 VTVEDYFNDFAKIKKPYKKRMTAEAHRRVVVEYLRAVMQKRISFRSPEERKEGAEK  
 MVREAEQLRFLFRKLASGFGEVDVGYCDTIVAVAEVIKLTDPSELLYLEVSTLVSKYPD  
 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

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