

# 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<br>DGVRTGLSQLHNALNDVKDIQQSLADVSKDWRQSINTIESLKDKDAVVQHSQAAAA<br>VENLKNIFSVPEIVRETQDLIEQGALLQAHRKLMLECSRDLGMYEQYRMDSGNTRD<br>MTLIHGYFGSTQGLSDELAQQLWMVLQRSLVTVRRDPTLLVSVVRIIEREEKIDRRIL<br>DRKKQTGFVPPGRPKNWKEKMFILERTVTTTRIEGTQADTRESKMWLVVRHLEIIRK                                                                                                                                                                                                                                                                                                                                                 |

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 45-1 Ramsey Road, Shirley, NY 11967, USA

YVLDDLIVAKNLMVQCFFPHYEIFKNLLNMYHQALSTRMQDLASEDLEANEIVSLLTW  
 VLNTYTSTEMMRNVELAPEVDVGTLEPLLSPHVVSELLDTYMSTLTSNIIAWLRKALE  
 TDKKDWWKETEPADQDGYQTTLPAIVFQMFEQNLQVAAQISEDLTKTKVLVLCQQ  
 MNSFLSRYKDEAQLYKEEHLNRQHPHCYVQYMAIINNCQTFKESIVSLKRKYLKNE  
 VEEGVSPSQPSMDGILDIAIAKEGCSGLLEEFLDLEQHLNELMTKKWLLGSNAVDIIC  
 VTVEDYFNDFAKIKKPYKKRMTAEAHRRVVVEYLRAVMQKRISFRSPEERKEGAEK  
 MVREAEQLRFLFRKLASGFGEDVDGYCDTIVAVAEVIKLTDPSELLYLEVSTLVSKYPD  
 IRDDHIGALLAVRGDASRDMKQTIMETLEQGPAQASPSYVPLFKDIVPSLNVAKLLK

**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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