

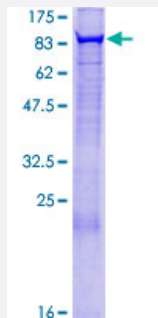
Full-Length

EXOC3 (Human) Recombinant Protein (P01)

Catalog # H00011336-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human EXOC3 full-length ORF (NP_009208.2, 1 a.a. - 745 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKETDREAVATAVQQRVAGMLQRPDQLDKVEQYRRREARKKASVEARLKAAIQSQLDGVRTGLS
QLHNALNDVKDIQQSLADVSKDWRQSINTIESLKDVKDAVVQHSQLA AAVENLNKIFSVPEVRET
QDLIEQGALLQAHRKLM DLECSR DGLMYEQYRMDSGNTRDMTLIHGYFGSTQGLSDELAQQLWM
VLQRS LVTVRRDPTLLVS VVRIIEREEKIDRRILDRKKQTGFVPPGRPKNWKEKMFTILERTVTTRIE
GTQADTRES DKMWLV RHLEIIRKYV LDDLVAKNLMVQCFFPHYEIFKNLLNMYHQALSTRMQDLA
SEDL EANEIVSLLTWV LNTYTSTEMMRNVELAPEVDVG TLEPLLSPHV VSEL DTYMSTLT SNIIAW
LRKALET DKKDWWKETEP EADQDGY YQTTLPA VFQMFEQNLQVAAQISED LKTKVLVLCLQ QMN
SFLSR YKDEAQLYKEEHLRNRQHPHCYVQYMAIINNCQTFKESVSLKRKYLKNEVEEGVSPSQPS
MDGILD AIAKEGCSGLLEE VFLDLEQHLNELMTKKWLLGSNAVDIICVTVEDYFNDFAKIKKPYKKR
MTAEAHRRVVVEYLRAVMQKRISFRSPEERKEGA EKMVREAEQLRFLFRKLASGFGEVDVGYC
DTIVAVAEVIKLTDP SLLYLEVSTLVSKYPDIRDDHIGALLAVRGDASRDMKQTIMETLEQGPAQAS
PSYVPLFKDIVPSLNVAKLLK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

112

Interspecies Antigen Sequence

Mouse (96); Rat (94)

Preparation Method

[in vitro wheat germ expression system](#)

Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — EXOC3

Entrez GeneID	11336
GeneBank Accession#	NM_007277.4
Protein Accession#	NP_009208.2
Gene Name	EXOC3
Gene Alias	SEC6, SEC6L1, Sec6p
Gene Description	exocyst complex component 3
Omim ID	608186
Gene Ontology	Hyperlink

Gene Summary	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]
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Other Designations

SEC6-like 1|Sec 6 homolog|Sec6 protein|exocyst complex component Sec6

Pathway

- [Tight junction](#)