

Recombinant Human EXOC3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EXOC3-4320H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EXOC3 MS Standard C13 and N15-labeled recombinant protein (NP_009208) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	85.6 kDa
AA Sequence	MKETDREAVATAVQQRVAGMLQRPDQLDKVEQYRRREARKKASVEARLKAAIQSQL DGVRTGLSQLHNALNDVKDIQQSLADVSKDWRQSINTIESLKDVKDVAVVQHSQLAAA VENLKNIFSVPEIVRETQDLIEQGALLQAHKRLMDLECSRDLGMYEQYRMDSGNTRD MTLIHGYFGSTQGLSDELAQLWMVLQRSLVTVRDPTLLVSVVRIIEREEKIDRRIL DRKKQTGFVPPGRPKNWKEKMFTILERTVTTRIEGTQADTRESKMWLVVRHLEIIRK

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YVLDDLIVAKNLMVQCFFPHYEIFKNLLNMYHQALSTRMQDLASEDLEANEIVSLLTW
 VLNTYTSTEMMRNVELAPEVDVGTLEPLLSPHVVSELLDTYMSTLTSNIIAWLRKALE
 TDKKDWWKETEPADQDGYQTTLPAIVFQMFEQNLQVAAQISEDLKTQVLVCLQQ
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 VEEGVSPSQPSMDGILDIAKEGCSGLLEEFLDLQHLNELMTKKWLLGSNAVDIIC
 VTVEDYFNDFAKIKKPYKKRMTAEAHRRVVVEYLRAVMQKRISFRSPEERKEGAEK
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 IRDDHIGALLAVRGDASRDMKQTIMETLEQGPAQASPSYVPLFKDIVVPSLNVAKLLK
 SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	EXOC3 exocyst complex component 3 [Homo sapiens (human)]
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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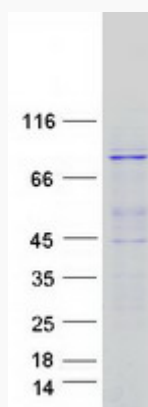
mRNA Refseq [NM_007277](#)

Protein Refseq [NP_009208](#)

MIM [608186](#)

UniProt ID [O60645](#)

SDS-PAGE



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