

Recombinant Human EXOC4 Protein, HIS-tagged

Cat. No. EXOC4-137H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EXOC4, transcript variant 2, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
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. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	53.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	EXOC4 exocyst complex component 4 [Homo sapiens]
Official Symbol	EXOC4
Synonyms	EXOC4; exocyst complex component 4; SEC8 like 1 (S. cerevisiae) , SEC8L1; KIAA1699; MGC27170; REC8; SEC8; Sec8p; SEC8-like 1; exocyst complex component Sec8; SEC8L1;
Gene ID	60412
mRNA Refseq	NM_001037126
Protein Refseq	NP_001032203
MIM	608185
UniProt ID	Q96A65

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