

Recombinant Human SEC24B Protein, MYC/DDK-tagged

Cat. No. SEC24B-602H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human SEC24B protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of the SEC24 subfamily of the SEC23/SEC24 family, which is involved in vesicle trafficking. The encoded protein is thought to be a cargo-binding component of the COPII vesicle, and is thought to be involved in the transport of secretory proteins from the endoplasmic reticulum to the Golgi apparatus. Mutations in this gene have been associated with neural tube defects, and are thought to be a result of a disruption in interactions with the protein encoded by the VANGL planar cell polarity protein 2 (VANGL2) gene. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2015].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	133.4 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	SEC24 homolog B, COPII coat complex component[Homo sapiens]
Official Symbol	SEC24B
Synonyms	SEC24; SEC24
Gene ID	10427
mRNA Refseq	NM_001042734.1
Protein Refseq	NP_001036199.1
MIM	607184
UniProt ID	O95487

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