

Recombinant Mouse Sec23b Protein, Myc/DDK-tagged

Cat. No. Sec23b-5745M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length SEC23 homolog B, COPII coat complex component (Sec23b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Component of the coat protein complex II (COPII) which promotes the formation of transport vesicles from the endoplasmic reticulum (ER). The coat has two main functions, the physical deformation of the endoplasmic reticulum membrane into vesicles and the selection of cargo molecules for their transport to the Golgi complex.
Molecular Mass	86.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Sec23b SEC23 homolog B, COPII coat complex component [Mus musculus (house mouse)]
Official Symbol	Sec23b
Synonyms	SEC23B; SEC23B (S. cerevisiae); protein transport protein Sec23B; SEC23-related protein B
Gene ID	27054
mRNA Refseq	NM_019787
Protein Refseq	NP_062761
UniProt ID	Q9D662

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