

Recombinant Mouse Sec23a Protein, Myc/DDK-tagged

Cat. No. Sec23a-5744M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length SEC23 homolog A, COPII coat complex component (Sec23a), 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. Required for the translocation of insulin-induced glucose transporter SLC2A4/GLUT4 to the cell membrane.
Molecular Mass	86.2 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Sec23a SEC23 homolog A, COPII coat complex component [Mus musculus (house mouse)]
Official Symbol	Sec23a
Synonyms	SEC23A; SEC23A (S. cerevisiae); protein transport protein Sec23A; SEC23-related protein A; Msec23; Sec23r
Gene ID	20334
mRNA Refseq	NM_009147
Protein Refseq	NP_033173
UniProt ID	Q01405

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