

Recombinant Mouse Sec31a Protein, Myc/DDK-tagged

Cat. No. Sec31a-5750M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length Sec31 homolog A (<i>S. cerevisiae</i>) (Sec31a), 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.
Molecular Mass	133.6 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	Sec31a Sec31 homolog A (S. cerevisiae) [Mus musculus (house mouse)]
Official Symbol	Sec31a
Synonyms	SEC31A; Sec31 homolog A (S. cerevisiae); protein transport protein Sec31A; SEC31-like 1; SEC31-like protein 1; SEC31-related protein A; ABP125; ABP130; HSPC275; Sec31I1; AU042160; 1810024J13Rik
Gene ID	69162
mRNA Refseq	NM_026969
Protein Refseq	NP_081245
UniProt ID	Q3UPL0

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