

Recombinant Mouse Snx33 Protein, Myc/DDK-tagged

Cat. No. Snx33-6034M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length sorting nexin 33 (Snx33), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a role in the reorganization of the cytoskeleton, endocytosis and cellular vesicle trafficking via its interactions with membranes, WASL, DNM1 and DNM2. Acts both during interphase and at the end of mitotic cell divisions. Required for efficient progress through mitosis and cytokinesis. Required for normal formation of the cleavage furrow at the end of mitosis. Modulates endocytosis of cell-surface proteins, such as APP and PRNP; this then modulates the secretion of APP and PRNP peptides. Promotes membrane tubulation (in vitro). May promote the formation of macropinosomes.
Molecular Mass	65.3 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.

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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.
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GENE INFORMATION

Gene Name	Snx33 sorting nexin 33 [Mus musculus (house mouse)]
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Official Symbol	Snx33
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Synonyms	SNX33; sorting nexin 33; sorting nexin-33; SH3 and PX domain containing 3; SH3 and PX domain-containing protein 3; Sh3px3; E130307J07Rik
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Gene ID	235406
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mRNA Refseq	NM_175483
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Protein Refseq	NP_780692
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UniProt ID	Q4VAA7
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