Recombinant Mouse Snx17 Protein, Myc/DDK-tagged

Cat. No. Snx17-6025M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length sorting nexin 17 (Snx17), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Critical regulator of endosomal recycling of numerous surface proteins, including integrins, signaling receptor and channels. Binds to NPxY sequences in the cytoplasmic tails of target cargos. Associates with retriever and CCC complexes to prevent lysosomal degradation and promote cell surface recycling of numerous cargos such as integrins ITGB1, ITGB5 and their associated alpha subunits. Also required for maintenance of normal cell surface levels of APP and LRP1. Interacts with membranes containing phosphatidylinositol 3-phosphate (PtdIns(3P)).
Molecular Mass	52.8 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	Snx17 sorting nexin 17 [Mus musculus (house mouse)]
Official Symbol	Snx17
Synonyms	SNX17; sorting nexin 17; sorting nexin-17; AI790646; mKIAA0064; D5Ertd260e; 5830447M19Rik
Gene ID	266781
mRNA Refseq	NM_153680
Protein Refseq	NP_710147
UniProt ID	Q8BVL3

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