

Recombinant Mouse Snf8 Protein, Myc/DDK-tagged

Cat. No. Snf8-5999M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length SNF8, ESCRT-II complex subunit, homolog (<i>S. cerevisiae</i>) (Snf8), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Component of the endosomal sorting complex required for transport II (ESCRT-II), which is required for multivesicular body (MVB) formation and sorting of endosomal cargo proteins into MVBs. The MVB pathway mediates delivery of transmembrane proteins into the lumen of the lysosome for degradation. The ESCRT-II complex is probably involved in the recruitment of the ESCRT-III complex. The ESCRT-II complex may also play a role in transcription regulation by participating in derepression of transcription by RNA polymerase II, possibly via its interaction with ELL. Required for degradation of both endocytosed EGF and EGFR, but not for the EGFR ligand-mediated internalization. Required for the exosomal release of SDCBP, CD63 and syndecan.
Molecular Mass	28.9 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.

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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.

GENE INFORMATION

Gene Name	Snf8 SNF8, ESCRT-II complex subunit, homolog (S. cerevisiae) [Mus musculus (house mouse)]
Official Symbol	Snf8
Synonyms	SNF8; SNF8, ESCRT-II complex subunit, homolog (S. cerevisiae); vacuolar-sorting protein SNF8; ESCRT-II complex subunit VPS22; D11Moh34; MGC7335; RP23-235J5.2
Gene ID	27681
mRNA Refseq	NM_033568
Protein Refseq	NP_291046
UniProt ID	Q9CZ28

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