

Recombinant Mouse Vps25 Protein, Myc/DDK-tagged

Cat. No. Vps25-6931M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse vacuolar protein sorting 25 (Vps25), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Component of the ESCRT-II complex (endosomal sorting complex required for transport 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, possibly via its interaction with ELL.
Molecular Mass	20.7 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 Vps25 vacuolar protein sorting 25 [*Mus musculus* (house mouse)]

Official Symbol Vps25

Synonyms VPS25; vacuolar protein sorting 25 (yeast); vacuolar protein-sorting-associated protein 25; ESCRT-II complex subunit VPS25; AW107467; D11Wsu68e; 1110020N13Rik

Gene ID 28084

mRNA Refseq NM_026776

Protein Refseq NP_081052

UniProt ID Q9CQ80

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