

Recombinant Mouse Vps33b Protein, Myc/DDK-tagged

Cat. No. Vps33b-6938M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse vacuolar protein sorting 33B (Vps33b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	May play a role in vesicle-mediated protein trafficking to lysosomal compartments and in membrane docking/fusion reactions of late endosomes/lysosomes. Mediates phagolysosomal fusion in macrophages. Proposed to be involved in endosomal maturation implicating in part VIPAS39. In epithelial cells, the VPS33B:VIPAS39 complex may play a role in the apical RAB11A-dependent recycling pathway and in the maintenance of the apical-basolateral polarity. Seems to be involved in the sorting of specific cargos from the trans-Golgi network to alpha-granule-destined multivesicular bodies (MVBs) promoting MVBs maturation in megakaryocytes.
Molecular Mass	70.5 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	Vps33b vacuolar protein sorting 33B [Mus musculus (house mouse)]
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Official Symbol	Vps33b
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Synonyms	VPS33B; vacuolar protein sorting 33B (yeast); vacuolar protein sorting-associated protein 33B; MGC36556
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Gene ID	233405
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mRNA Refseq	NM_178070
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Protein Refseq	NP_835171
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UniProt ID	P59016
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