

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 [Vps33b vacuolar protein sorting 33B \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Vps33b](#)

Synonyms VPS33B; vacuolar protein sorting 33B (yeast); vacuolar protein sorting-associated protein 33B; MGC36556

Gene ID [233405](#)

mRNA Refseq [NM_178070](#)

Protein Refseq [NP_835171](#)

UniProt ID [P59016](#)

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