

Product datasheet for TP509450

Vps33b (NM_178070) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse vacuolar protein sorting 33B (Vps33b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209450 protein sequence Red =Cloning site Green =Tags(s) MAFPHRLDAPELPDFSMKRLARDQLIYLLEQLPGKKDLFIEADLMSPLDRIANVSILKQHEVDKLYKVE NKPALSANEQLCFLVRPRIKNMRYIASLVNADKLAGRIRKYKVLSPQKFYACEMVLEEEGVYGDVSCDE WAFSLLPLDVDLLSMELPEFFRDYFLEGDQRWINTVAQALHLLSTLYGPFPCYIGIRCAKMSYDLWRKL EEEEDSETKGRKPEIGHIFLLDRDVFVTALCSQVVEGLVDDTFRIKCGSVDFGPEVTSSDKSLKVLN AEDKVFSEIRNEHFSNVFGFLSQKARNLQAQYDRRRGMDIKQMKNFVSQELKGLKQEHRLSLHIGACES IMKKKTKQDFQELIKTEHALLEGFNIRESTSYIEEHIDRQVSPISLRMLCCLITENGLIPKDYRSLKT QYLQSYGPEHLLTFSNLRRAGLLTEQAPGDTLTAVESKVSCLVTDKAAGKITDAFSSLAKRSNFRAISKK LNLIPRVLDGEYDLKVPRDMAYVFSGAYVPLSRIIEQVLDRRSWQGLDEVVRLNCSEFAFTDTAKEDKA SSESRLILVFLGGCTFSEISALRFLGREKGYRFIFLTAVTNSARLMEAMSEVKS TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	70.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
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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RefSeq: [NP_835171](#)
Locus ID: 233405
UniProt ID: [P59016](#)
RefSeq Size: 2595
Cytogenetics: 7 D2
RefSeq ORF: 1851
Synonyms: MGC36556

Summary: 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 (By similarity). 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 (PubMed:20190753). 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 (PubMed:25947942).[UniProtKB/Swiss-Prot Function]