

Product datasheet for TP506025

Vps36 (NM_027338) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse vacuolar protein sorting 36 (Vps36), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206025 protein sequence Red =Cloning site Green =Tags(s)
	<p>MDRFVWTSGLLEINETLVIQQRGVRVYDGEEKIKFDAGTLLSTHRLIWRDQKNECCMAIPLSQIVFIE EQAAGIGKSAKIVVHLHPAPSNKEPGPFQSSKNSYIRLSFKEHGQIEFYRRLSEEMTQRRWETVPVSQSL QTNKGPQPGRVRAVGIVGIERKLEEKRETDKNISEAFEDLSKLMIKAKEMVELSKSIANKIKEKQGDVT EDETIRFKSYLLSMGIANPVTRETYGSGTQYHMLAKQLAGILQAPLEERGGIMSLTEVYCLVNRARGME LLSPEDLVNACKMLEALKPIRLRVFDSGVMVIELQTHKEEEMVASALETVSEKSLTSEEFKLVGMSV LLAKERLLLAEKMGHLCRDDSVEGLRFYPNLFMTQN</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	43.7 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.
RefSeq:	NP_081614
Locus ID:	70160
UniProt ID:	Q91XD6 , Q3TSR1



[View online »](#)

RefSeq Size:	1290
Cytogenetics:	8 A2
RefSeq ORF:	1161
Synonyms:	1700010A24Rik; 2210415M20Rik; 2810408E15Rik; Eap45
Summary:	<p>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. Its ability to bind ubiquitin probably plays a role in endosomal sorting of ubiquitinated cargo proteins by ESCRT complexes. The ESCRT-II complex may also play a role in transcription regulation, possibly via its interaction with ELL. Binds phosphoinositides such as PtdIns(3,4,5)P3.[UniProtKB/Swiss-Prot Function]</p>