

Product datasheet for **TP511038**

Vps39 (NM_178851) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse VPS39 HOPS complex subunit (Vps39), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211038 representing NM_178851 Red =Cloning site Green =Tags(s)

MHDAFEPVPILEKLPLQIDCLAAWEEWLLVGTKQGHLLLYRIRKDVGCNRFEVTLEKSNKNFSKKIQQIH
VVSQFKILVSLLENNIYVHDLTFQQITTVSKAKGASLFTCDLQHTETGEEVLRMCVAVRKKLQLYFWKD
REFHELQGDFSPDVPKSMAWCENSICVGFKRDYYLIRVDGKGSIKELFPTGKQLEPLVAPLADGKVAVG
QDDLTVVLNEEGICTQKCALNWDIPVAMEHQPPYIVAVLPRYVEIRTLERLLVQSIELQRPRFITSGG
SNIIVASNHFWRLIPVPMATQIQQLQDKQFELALQLAEMKDDSDSEKQQQIHHIKNLAFNLFCQKR
FDESMQVFAKLGTDPTHVMGLYPDLLPTDYRKQLQYPNPLPTLSGALEKAHLALIDYLTQKRSQVLVKKL
NDSDHQSSTPLMEGTPTIKSKKKLLQIIDTLLKCYLHTNVALVAPLLRLENNHCHIEESEHVLKKAHK
YSELIILEYEKKGLHEKALQVLVDQSKKANSPLKGHERTVQYLQHLGTENLHLIFSYSVWVLRDFPEDGLK
IFTEDLPEVESLPRDRVLNFIENFKALAIPLYEHIIHVWEETGSQFHNCLIQLYCEKVQSLMKDYLLSL
PTGKSPVPAGEEGGELGEYRQKLLMFLEISSHYDPGRLICDFPFDGLLEERALLGRMGKHEQALFIYVH
VLKDTKMAKEYCHKHYDQNKEGNKDVYLSLLRMYLSPPSIHCLGPIKLELLEPQANLQAALQVLELHYSK
LDTTKAINLLPANTQINDIRIFLEKVLLENAQKKRFNQVLKNLLHAEFLRVQEERILHQQVKCIITEEKV
CMVCKKKIGNSAFARYPNGVWVHYFCSKEVNSADT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	101.1 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.



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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:	<u>NP_849182</u>
Locus ID:	269338
UniProt ID:	<u>Q8R5L3</u>
RefSeq Size:	4362
Cytogenetics:	2 E5
RefSeq ORF:	2625
Synonyms:	A230065P22Rik; AW743070; mVam6; Vam6; Vam6P
Summary:	May play a role in clustering and fusion of late endosomes and lysosomes (By similarity). Regulator of TGF-beta/activin signaling, inhibiting SMAD3- and activating SMAD2-dependent transcription. Acts by interfering with SMAD3/SMAD4 complex formation, this would lead to inhibition of SMAD3-dependent transcription and relieve SMAD3 inhibition of SMAD2-dependent promoters, thus increasing SMAD2-dependent transcription (By similarity). [UniProtKB/Swiss-Prot Function]