

Product datasheet for TP522520

Vash1 (NM_177354) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse vasohibin 1 (Vash1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR222520 representing NM_177354 Red =Cloning site Green =Tags(s) MPGGKKVWPSGSSSASPNA AATTTAAAAAAPHSGTKRLETTEGAS AQRDEEPEEEGEEDLRDGGVPF FINRGGLPVDEATWERMWKHVAKIHPDGEKVALRIRGATDLPKIPISVPTFQPTTPVPERLEAVQRYIR ELQYNHTGTQFFEIKSRPLTGLMDLAKEMTKEALPIKCLEAVILGIYLTNSMPTLERFPISFKTYFSGN YFRHIVLGVNFGGRYGALGMSRREDLMYKPPAFRTLSELVLDYEAAYGRCWHVLKVKLGQCVSHDPHSV EQIEWKHSVLDVERLGREDFRKELERHARDMRLKIGKGTGPPSPTKDRKKDVSSPQRAQSSPHRRNSRSE RRPSGEKKPAEPKAMPDLSGYQIRV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	42.3 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_796328
Locus ID:	238328
UniProt ID:	Q8C1W1



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RefSeq Size:	6189
Cytogenetics:	12 D2
RefSeq ORF:	1125
Synonyms:	AI834978; D930046M13Rik; G630009D10Rik
Summary:	Tyrosine carboxypeptidase that removes the C-terminal tyrosine residue of alpha-tubulin, thereby regulating microtubule dynamics and function (PubMed:29146868). Acts as an angiogenesis inhibitor: inhibits migration, proliferation and network formation by endothelial cells as well as angiogenesis (PubMed:19204325). This inhibitory effect is selective to endothelial cells as it does not affect the migration of smooth muscle cells or fibroblasts (By similarity).[UniProtKB/Swiss-Prot Function]