

Product datasheet for **TP308728M**

VASH1 (NM_014909) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human vasohibin 1 (VASH1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208728 protein sequence Red =Cloning site Green =Tags(s)

MPGGKKVAGGGSSGATPTSAAATAPSGVRRLETSEG TSAQRDEEPEEEGEEDLRDGGVPPFFVNRGGLPVD
EATWERMWVKHVAKIHPDGEKVAQRIRGATDLPKIPIPSVPTFQPSTPVPERLEAVQRYIRELQYNHTGTQ
FFEIKSRPLTGLMDLAKEMTKEALPIKCLEAVILGIYLTNSMPTLERFPISFKTYFSGNYFRHIVLGVN
FAGRYGALGMSRREDLMYKPPAFRTLSELVLDFAAYGRCWHVLKVKVKGQSVSHDPHSVEQIEWKHSVL
DVERLGRDDFRKELERHARDMRLKIGKGTGPPSPTKDRKKDVSSPQRAQSSPHRRNSRSERRPSGDKKTS
EPKAMPDLNGYQIRV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	40.8 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_055724
Locus ID:	22846



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UniProt ID: [Q7L8A9](#)

RefSeq Size: 6030

Cytogenetics: 14q24.3

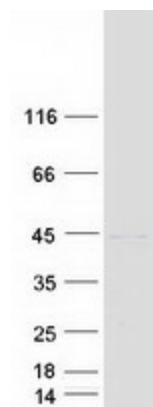
RefSeq ORF: 1095

Synonyms: KIAA1036; TTCP 1

Summary: Tyrosine carboxypeptidase that removes the C-terminal tyrosine residue of alpha-tubulin, thereby regulating microtubule dynamics and function (PubMed:29146869). Acts as an angiogenesis inhibitor: inhibits migration, proliferation and network formation by endothelial cells as well as angiogenesis (PubMed:15467828, PubMed:16488400, PubMed:16707096, PubMed:19204325). This inhibitory effect is selective to endothelial cells as it does not affect the migration of smooth muscle cells or fibroblasts (PubMed:15467828, PubMed:16488400, PubMed:16707096).[UniProtKB/Swiss-Prot Function]

Protein Families: Secreted Protein

Product images:



Coomassie blue staining of purified VASH1 protein (Cat# [TP308728]). The protein was produced from HEK293T cells transfected with VASH1 cDNA clone (Cat# [RC208728]) using MegaTran 2.0 (Cat# [TT210002]).