

Product datasheet for **TP308692M**

VASH2 (NM_024749) Human Recombinant Protein

Product data:

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|-----------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human vasohibin 2 (VASH2), transcript variant 1, 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA | >RC208692 protein sequence |
| Clone or AA Sequence: | Red=Cloning site Green=Tags(s) |

MTGSAADTHRCPHPKGAKGTRSRSSHARPVSLATSGGSEEEKDGGVLFHVNKSGFPIDSHTWERMWMHV
AKVHPKGGEMVGAIRNA AFLAKPSIPQVPNYRLSMTIPDWLQAIQNYMKTLYLTLNGQPSIERFPISFKT
YFSGNYFHVVVLGIYCNGRYGSLGMSRRAELMDKPLTFRTLSDLIFDFEDSYKYLHTVKKVKIGLYVPH
EPHSFQPIEWKQLVLNVSKMLRADIRKELEKYARDMRMKILKPASAHSPTQVRSRGKSLSPRRRQASPPR
RLGRREKSPALPEKKVADLSTLNEVGYQIRI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 35.2 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 |
| Bioactivity: | ELISA standard (PMID: 27702660) |
| 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_079025 |



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Locus ID: 79805

UniProt ID: [Q86V25](#), [A8K4K8](#)

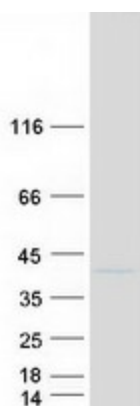
RefSeq Size: 4362

Cytogenetics: 1q32.3

RefSeq ORF: 933

Summary: Tyrosine carboxypeptidase that removes the C-terminal tyrosine residue of alpha-tubulin, thereby regulating microtubule dynamics and function (PubMed:29146869). Acts as an activator of angiogenesis: expressed in infiltrating mononuclear cells in the sprouting front to promote angiogenesis (PubMed:19204325).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified VASH2 protein (Cat# [TP308692]). The protein was produced from HEK293T cells transfected with VASH2 cDNA clone (Cat# [RC208692]) using MegaTran 2.0 (Cat# [TT210002]).