

## Product datasheet for **TP309324M**

### VWA1 (NM\_022834) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human von Willebrand factor A domain containing 1 (VWA1), transcript variant 1, 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC209324 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MLPWTALGLALSRLALARSGAERGPPASAPRGDLMFLLDSSASVSHYEFSSRVREFVGQLVAPLPLGTGA  
LRASLVHVGSRPYTEFPFGQHSSGEAAQDAVRASAQRMGDTHTGLALVYAKEQLFAEASGARPGVPKVLV  
WVTDGGSSDPVGPMPQELKDLGVTVFIVSTGRGNFLELSAAASAPAEKHLHFVDVDDLHIIVQELRGSIL  
DAMRPQQLHATEITSSGFRLAWPPLLTADSGYYVLELVPSAQPAGAARRQQLPGNATDWIWAGLDPD TDY  
D  
VALVPESNVRLLRPQILRVTRPGEAGPGASGPESGAGPAPTQLAALPAPEEAGPERIVISHARPRSLRV  
SWAPALGSAAALGYHVQFGPLRGGEAQRVEVPAGRNCTTLQGLAPGTAYLVTVTAAFRSGRESALSAKAC  
TPDGPRPRPRPVPRAPTPGTASREP

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 46.6 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.

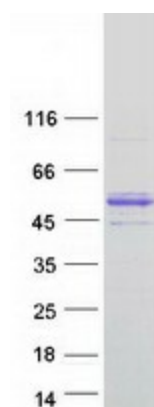
**Storage:** Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_073745</a>
<b>Locus ID:</b>	64856
<b>UniProt ID:</b>	<a href="#">Q6PCB0</a>
<b>RefSeq Size:</b>	4659
<b>Cytogenetics:</b>	1p36.33
<b>RefSeq ORF:</b>	1335
<b>Synonyms:</b>	WARP
<b>Summary:</b>	VWA1 belongs to the von Willebrand factor (VWF; MIM 613160) A (VWFA) domain superfamily of extracellular matrix proteins and appears to play a role in cartilage structure and function (Fitzgerald et al., 2002 [PubMed 12062410]).[supplied by OMIM, Nov 2010]

### Product images:



Coomassie blue staining of purified VWA1 protein (Cat# [TP309324]). The protein was produced from HEK293T cells transfected with VWA1 cDNA clone (Cat# [RC209324]) using MegaTran 2.0 (Cat# [TT210002]).