

## Product datasheet for **TP316340M**

### Villin (VIL1) (NM\_007127) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human villin 1 (VIL1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC216340 representing NM_007127
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MTKLSAQVKGSLNITTPGLQIWRIEAMQMVPVPSSTFGSFFDGDGCYIILAIHKTASSLSYDIHYWIGQDS  
SLDEQGAAYTTQMDDFLKGRAVQHREVQGNESAFRGYFKQGLVIRKGGVASGMKHVETNSYDVQRLL  
HVKGKRNWVAGEVEMSWKSFNRGDVFLDLGKLIQWNGPESTRMERLRGMTLAKEIRDQERGGRTYVGV  
VDGENELASPKLMEVMNHVLGKRRELKAAVPDTPVEPALKAALKLYHVSDSEGNLWVREVATRPLTQDLL  
SHEDCYILDQGGKLIYVWKGKKANEQEKKGAMSHALNFIKAKQYPPSTQVEVQNDGAESAVFQQFLFKWT  
ASNRTSGLGKHTVGSVAKVEQVKFDATSMHVKPQVAAQQKMVDDGSGEVQVWRIENLELVPVDSKWLGH  
FYGGDCYLLLYTYLIGEKQHLYLWVWQGSQASQDEITASAYQAVILDQKYNQEPVQIRVPMGKPPHMS  
IFKGRMVVYQGGTSRTNLETGPSTRLFQVQGTGANNTKAPEVFPANFLNSNDVFLKTQSCCYLWCGK  
GCSGDEREMAKMVADTISRTEKQVVEGQEPANFWMALGGKAPYANTKRLQEENLVITPRLFECSNKTGR  
FLATEIPDFNQDDLEEDDVFLLDVWDQVFFWIGKHANEEKAAATTAQEYLKTHPSGRDPETPIIVKQ  
GHEPPTFTGWFLAWDPFKWSNTKSYEDLKAELGNSRDWSQITAEVTSKVDVFNANSNLSSGPLPIFPLE  
QLVNKPVEELPEGVDPSRKEEHLSDIEDFTQAFGMTPAAFSALPRWKQQLKKEKGLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

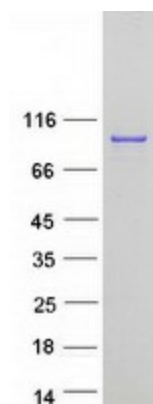
Tag:	C-Myc/DDK
Predicted MW:	92.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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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:	<a href="#">NP_009058</a>
Locus ID:	7429
UniProt ID:	<a href="#">P09327</a> , <a href="#">Q53F91</a>
RefSeq Size:	2702
Cytogenetics:	2q35
RefSeq ORF:	2481
Synonyms:	D2S1471; VIL
Summary:	This gene encodes a member of a family of calcium-regulated actin-binding proteins. This protein represents a dominant part of the brush border cytoskeleton which functions in the capping, severing, and bundling of actin filaments. Two mRNAs of 2.7 kb and 3.5 kb have been observed; they result from utilization of alternate poly-adenylation signals present in the terminal exon. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified VIL1 protein (Cat# [TP316340]). The protein was produced from HEK293T cells transfected with VIL1 cDNA clone (Cat# [RC216340]) using MegaTran 2.0 (Cat# [TT210002]).