

Recombinant Full Length Human VIL1 Protein, C-Flag-tagged

Cat. No. VIL1-278HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human VIL1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	92.5 kDa
AA Sequence	MTKLSAQVKGSLNITTPGLQIWRIEAMQMVPVPSSTFGSFFDGDCYIILAIHK TASSLS YDIHYWIGQDS SLDEQGAAAIYTTQMDDFLKGRAVQHRE VQGNES EAFRGYFKQG LVIRKGGVASGMKHVETNSYDVQRLL HVKGKRN VVAGEVEMSWKSFNRGDVFLLD LGKLIQWNGPESTRMERLRGMTLAKEIRDQERGGRTYVGV V DGENELASPKLMEV MNHVLGKRRELKAAVPDTVVEPALKAAALKLYHVSDSEGNL VVREVATRPLTQDLL S HEDCYILDQGG LKIYVWKGKKANEQEKKGAMSHALNFIKAKQYPPSTQVEVQNDGA ESAVFQQLFQKWT ASNRTSGLGKTHTVGSAKVEQVKFDATSMHV K PQVAAQ QK MVDDGSGEVQVWRIENLELVPVDSKWLGH FYGGDCYLLLYTYLIG EKQHYLLYVW

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QGSQASQDEITASAYQAVILDQKYNGEVPQIRVPMGKEPPHLS IFKGRMVVYQGG
 TSRTNNLETGPSTRLFQVQGTGANNTKA FEV PARANFLNSNDVFVLKTQSCCYLWC
 GK GCSGDEREMAKMVADTISRTEKQVVVEGQEPANFWMALGGKAPYANTKRLQE
 ENLVITPRLFEC SNKTGR FLATEIPDFNQDDLEEDDVFLLDVWDQVFFWIGKHANEE
 EK KAAATTAQEY LKTHPSGRDPETPIIVVKQ GHEPPTFTGWFLAWDPFKWSNTKSY
 EDLKAELGNSRDWSQITAEVTSPKVDVFNANSNLSSGPLPIFPLE
 QLVNKPVEELPEGVDPSRKEEHLSIEDFTQAFGMTPAAFSALPRWKQQNLKKEKGL
 FTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

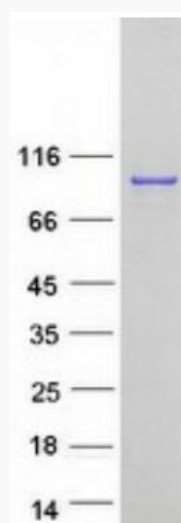
Gene Name	VIL1 villin 1 [Homo sapiens (human)]
Official Symbol	VIL1
Synonyms	VIL; D2S1471

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Gene ID	7429
mRNA Refseq	NM_007127.3
Protein Refseq	NP_009058.2
MIM	193040
UniProt ID	P09327



Coomassie blue staining of purified VIL1 protein.