

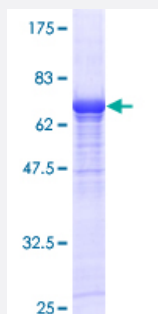
Full-Length

VIL1 (Human) Recombinant Protein (P01)

Catalog # H00007429-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human VIL1 full-length ORF (AAH17303, 1 a.a. - 421 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTKLSAQVKGSLNITTPGLQIWRIEAMQMVPVPSSTFGSFFDGD CYILAIHKTASSLSYDIHWIGQ
DSSLDEQGAAAIYTTQMDDFLKGRAVQHREVQGNESEAFRGYFKQGLVIRKGGVASGMKHVETN
SYDVQRLLHVKGKRN VVAGEVEMSWKSFNRGDVFLDLGKLIQWNGPESTRMERLRGMTLAKEI
RDQERGGRTYVGVDGENELASPKLMEVMNHVLGKRRELKAAVPD TVVEPALKAALKLYHVSD
SEGNLVVREVATRPLTQDLLSHEDCYILDQGGGLKIYVWKGKKANEQEKKGAMSHALNFIKAKQYP
PSTQVEVQNDGAESAVFQQLFQKWTASNRTSGLGKTHTVGSGEGQAGAVREPGSRSWARRA
TWSTTHPPSLTCIFNEDFYAGSGLVLADGDVDKL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

71.83

Interspecies Antigen Sequence

Mouse (89); Rat (89)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — VIL1

Entrez GeneID	7429
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GeneBank Accession#	BC017303
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Protein Accession#	AAH17303
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Gene Name	VIL1
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Gene Alias	D2S1471, VIL
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Gene Description	villin 1
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Omim ID	193040
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Gene Ontology	Hyperlink
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Gene 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]
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Other Designations	OTTHUMP00000164145
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