

Recombinant Human VIL1 cell lysate

Cat. No. VIL1-1906HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	VIL1 villin 1 [Homo sapiens]
Official Symbol	VIL1
Synonyms	VIL1; villin 1; VIL; villin-1; D2S1471;
Gene ID	7429

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mRNA Refseq	NM_007127
Protein Refseq	NP_009058
MIM	193040
UniProt ID	P09327
Chromosome Location	2q35
Pathway	Regulation of Actin Cytoskeleton, organism-specific biosystem;
Function	actin binding; actin filament binding; calcium ion binding; cysteine-type endopeptidase inhibitor activity involved in apoptotic process; identical protein binding; lysophosphatidic acid binding; phosphatidylinositol-4,5-bisphosphate binding; protein binding; protein homodimerization activity;

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