

VSNL1 recombinant protein

Recombinant Human VSNL1 Protein

CATALOG # AAA55962	HOST E Coli	APPLICATIONS SDS-Page, ELISA, Western Blot
------------------------------	-----------------------	--

PRODUCT SYNONYMS

VSNL1; Recombinant Human VSNL1 Protein; HLP3; VISL1; HPCAL3; HUVISL1; VILIP; VILIP-1; VLP-1; Hippocalcin Like Protein 3.; VSNL1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90 % as determined by SDS-PAGE.
Form/Format	PBS, pH 7.4, with 50% glycerol.
Concentration	1.8 mg/mL (varies by lot)
Sequence Positions	1-191
Sequence	MGKQNSKLAP EVMEDLVKST EFNEHELKQW YKGFLKDCPS GRLNLEEFQQ LYVKFFPYGD ASKFAQHAFR TFDKNGDGTI DFREFICALS ITSRSFEQK LNWAFNMYDL DGDGKITRVE MLEIEAIYK MVGTVIMMKM NEDGLTPEQR VDKIFSKMDK NKDDQITLDE FKEAAKSDPS IVLLQCDIQ K
Applicable Applications for VSNL1 recombinant protein	SDS-PAGE, ELISA, WB (Western Blot)
Source	Human
Tag	N-terminal GST-tag
Usage	VSNL1 Protein - Centrifuge the standard vial at 6000-10000rpm for 30s.
Preparation and Storage	Storage: Store it under sterile conditions at -20°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. **Avoid repeated freeze-thaw cycles.** Stability: The recombinant protein is stable for up to 6 months from date of receipt at -80°C.

ADDITIONAL INFORMATION

Related Product Information for VSNL1 recombinant protein	VSNL1 is a member of the visinin/recoverin subfamily of neuronal calcium sensor proteins. The protein is strongly expressed in granule cells of the cerebellum where it associates with membranes in a calcium-dependent manner and modulates intracellular signaling pathways of the central nervous system by directly or indirectly regulating the activity of adenylyl cyclase. Alternatively spliced transcript variants have been observed, but their full-length nature has not been determined. The (CA) _n microsatellite repeat embedded in the 3-prime untranslated region of the gene was conserved between rat and human, along with the flanking DNA sequences. By genetic linkage studies in 11 CEPH families, they mapped the VSNL1 gene to 2p.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361559
NCBI GeneID	7447
NCBI Accession #	NP_003376.2
NCBI GenBank Nucleotide #	NM_003385.4

UniProt Accession #	P62760 ; P28677 ; P29103 ; P42323 ; Q9UM20 ; D6W515
Molecular Weight	Predicted MW: 49 kDa Observed MW: 44 kDa
NCBI Official Full Name	visinin-like protein 1
NCBI Official Synonym Full Names	visinin like 1
NCBI Official Symbol	VSNL1
NCBI Official Synonym Symbols	HLP3; VILIP; HPCAL3; HUVISL1; VILIP-1
NCBI Protein Information	visinin-like protein 1
UniProt Protein Name	Visinin-like protein 1
UniProt Gene Name	VSNL1
UniProt Synonym Gene Names	VISL1; VILIP; VLP-1; HLP3
UniProt Entry Name	VISL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/vsnl1-recombinant-protein-e-coli-sds-page-elisa-wb-western-blot/55962>