Recombinant Human VSNL1 Protein, His-tagged

Cat. No. VSNL1-549H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VSNL1(Pro39~Leu184) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Pro39~Leu184
Description	This gene is a member of the visinin/recoverin subfamily of neuronal calcium sensor proteins. The encoded 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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	20.4kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

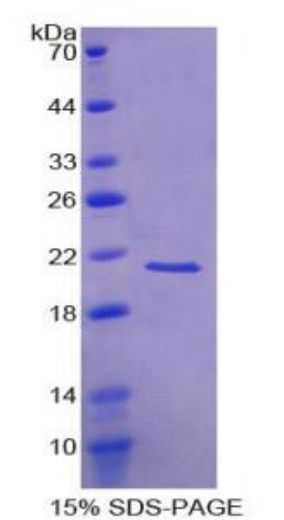
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	If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	VSNL1 visinin-like 1 [Homo sapiens]
Official Symbol	VSNL1
Synonyms	VSNL1; visinin-like 1; visinin-like protein 1; hippocalcin like protein 3; HLP3; HPCAL3; HUVISL1; VILIP; VILIP 1; VLP-1; hippocalcin-like protein 3; VILIP-1;
Gene ID	7447
mRNA Refseq	NM_003385
Protein Refseq	NP_003376
MIM	600817
UniProt ID	P62760

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