

Recombinant Human VSNL1 Protein, His-tagged

VSNL1-549H Human

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.

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.

Source

E. coli

Species

Human

Tag

His

Form

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Molecular Mass

20.4kDa

Protein length

Pro39~Leu184

Endotoxin

<1.0EU per 1µg (determined by the LAL method)

Purity

>95%

Applications

Positive Control; Immunogen; SDS-PAGE; WB.
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](#)

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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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