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Datasheet for ABIN7319173

VSNL1 Protein (His tag)



Overview

Quantity:	50 µg
Target:	VSNL1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This VSNL1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human VSNL1 Protein (His Tag)
Sequence:	Met 1-Lys191
Characteristics:	Recombinant Human Visinin-Like Protein 1 is produced by our E.coli expression system and the target gene encoding Met1-Lys191 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	VSNL1
Alternative Name:	VSNL1 (VSNL1 Products)
Background:	Background: Visinin-Like Protein 1 (VILIP) is a a member of the Visinin/Recoverin subfamily of neuronal calcium sensor proteins. VILIP is strongly expressed in the Granule Cells of the
	Cerebellum where it associates with membranes in a Calcium-dependent manner and

Target Details

	modulates intracellular signaling pathways of the central nervous system by directly or
	indirectly regulating the activity of Adenylyl Cyclase. It has been shown that VILIP regulates the
inhibition of rhodopsin phosphorylation in a Calcium-dependent manner in vitro.	
	Synonym: Visinin-Like Protein 1, VILIP, VLP-1, Hippocalcin-Like Protein 3, HLP3, VSNL1, VISL1
Molecular Weight:	24.3 kDa
UniProt:	P62760

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM Tris, 20 mM NaCl, pH 8.0.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.
	Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted
	samples are stable at < -20°C for 3 months.