

Recombinant Human VSNL1

Catalog No: C265

Description	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.
Source	E.coli
Alternative name	Visinin-Like Protein 1; VILIP; VLP-1; Hippocalcin-Like Protein 3; HLP3; VSNL1; VISL1
Accession No.	P62760
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM Tris, 20mM NaCl, pH 8.0.
Quality Control	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Amino Acid Sequence	MGSSHHHHHSSGLVPRGSHMGKQNSKLAPEVMEDLVKSTEFNEHELKQWYKGFLKDCPSGRLNL EEFQQLYVKFFPYGDA SKFAQHAFRTFDKNGDGTIDFREICALSITSRGSFEQKLNWAFNMYDLGDGKITRVEMLIEIAIKM VGTVIMMKMNEDG LTPEQRVDKIFSKMDKNKDDQITLDEFKEAAKSDPSIVLLQLQCDIQK
Background	Visinin-Like Protein 1 (VILIP) is 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 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

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