

Datasheet for ABIN935057
VSNL1 Protein (AA 1-191)



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1 Image

Overview

Quantity:	100 µg
Target:	VSNL1
Protein Characteristics:	AA 1-191
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGKQNSKLAP EVMEDLVKST EFNEHELKQW YKGFLKDCPS GRLNLEEFQQ LYVKFFPYGD ASKFAQHAFR TFDKNGDGTI DFREFICALS ITSRGSFEQK LNWAFNMYDL DGDGKITRVE MLEIIEAIYK MVGTVIMMKM NEDGLTPEQR VDKIFSKMDK NKDDQITLDE FKEAAKSDPS IVLLLQCDIQ K
Characteristics:	Purified recombinant Human Visininlike protein1 protein Expression System: E.coli
Purity:	> 95 % pure
Endotoxin Level:	< 1.0 EU per µg of protein (determined by LAL method)

Target Details

Target:	VSNL1
Alternative Name:	Visininlike protein1 (VSNL1 Products)

Target Details

Background:	<p>Visinin-like protein-1, also known as VILIP-1, belongs to a family of neuronal calcium sensor proteins. VILIP-1 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. Also, it is expressed in pancreatic beta-cells. VILIP-1 elevation enhances insulin secretion in cAMP-associated manner. Down-regulation of VILIP-1 decreased cAMP accumulation but increased insulin gene transcription. Recombinant human Visinin-like protein-1 was expressed in <i>E. coli</i> and purified by using conventional chromatography.</p> <p>Alternative Names: Neurocalcin alpha protein, Visinin.Visinin like 1 protein, HLP3 protein, NVL1 protein, Visininlike 1, HLP 3 protein, Visinin like protein 1.VISL 1., NVL 1 protein, VILIP-1 protein, VILIP protein, VILIP protein, HPCAL 3 protein, Visininlike -1 protein, Visininlike -1, Visininlike 1, VSNL1 protein, Visininlike 1 protein, Hippocalcin like protein 3 protein, HUVISL1 protein, VLP-1 protein, HPCAL3 protein</p>
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Molecular Weight:	22.1 kDa (191 AA)
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Application Details

Application Notes:	Visininlike 1 protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	1 mg/mL
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Buffer:	Supplied as a liquid in 20 mM Tris-HCl buffer, pH 8.0, containing 0 mM DTT, and 10 % glycerol.
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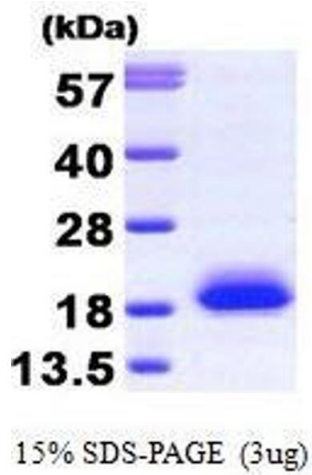
Preservative:	Dithiothreitol (DTT)
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Precaution of Use:	This product contains Dithiothreitol: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
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Handling Advice:	Avoid repeated freeze/thaw cycles.
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Storage:	RT/-20 °C
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Storage Comment:	Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.
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SDS-PAGE

Image 1. Figure annotation denotes ug of protein loaded and % gel used.