

## Product datasheet for **AR09267PU-N**

### Visinin-like protein 1 / HLP3 (1-191) Human Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Visinin-like protein 1 / HLP3 (1-191) human recombinant protein, 0.1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGKQNSKLAP EVMEDLVKST EFNEHELKQW YKGFLKDCPS GRLNLEEFQQ LYVKFFPYGD ASKFAQHAFR TFDKNGDGTI DREFICALS ITRGSFEQK LNWAFNMYDL DGDGKITRVE MLEIIEAIYK MVGTVIMMKM NEDGLTPEQR VDKIFSKMDK NKDDQITLDE FKEAAKSDPS IVLLLQCDIQ K
<b>Predicted MW:</b>	22.1 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol
<b>Endotoxin:</b>	< 1.0 EU per 1 µg of protein (determined by LAL method )
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human Visinin-like protein-1 was expressed in E.coli and purified by using conventional chromatography.
<b>Storage:</b>	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_003376</a>
<b>Locus ID:</b>	7447
<b>UniProt ID:</b>	<a href="#">P62760</a>
<b>Cytogenetics:</b>	2p24.2
<b>Synonyms:</b>	HLP3; HPCAL3; HUVISL1; VILIP; VILIP-1



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**Summary:**

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. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome

**Product images:**