

## Product datasheet for **AR09171PU-N**

### VAMP-5 / Myobrevin (1-72, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	VAMP-5 / Myobrevin (1-72, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MRGSHHHHHH</u> <u>GMASMTGGQQ</u> <u>MGRDLYDDDD</u> <u>KDRWGSHMAG</u> <u>IELERCQQQA</u> <u>NEVTEIMRNN</u> <u>FGKVLERGK</u> <u>LAELQQRSDQ</u> <u>LLDMSSTFNK</u> <u>TTQNLAQKKC</u> <u>WENIRYRIC</u>
Tag:	His-tag
Predicted MW:	12.7 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified peptide Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 5 mM DTT, 0.2M NaCl, 0.5 mM EDTA
Preparation:	Liquid purified peptide
Protein Description:	Recombinant Vamp5 protein, His-tagged, was expressed in E.coli and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.
Storage:	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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_006625</u>
Locus ID:	10791
UniProt ID:	<u>O95183</u> , <u>Q6FG93</u>
Cytogenetics:	2p11.2



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**Summary:**

Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein are the main components of a protein complex involved in the docking and/or fusion of vesicles and cell membranes. The VAMP5 gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family and the SNARE superfamily. This VAMP family member may participate in vesicle trafficking events that are associated with myogenesis. [provided by RefSeq, Jul 2008]

**Protein Families:**

Transmembrane

**Protein Pathways:**

SNARE interactions in vesicular transport

**Product images:**