

## Recombinant Human VAMP5, His-tagged

Cat. No. VAMP5-510H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Vamp5 protein was expressed in <i>E.coli</i> and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer. MW =12.7 kDa (109 aa).
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-72 aa
<b>Description</b>	VAMP5, also known as vesicle-associated membrane protein 5, is a member of the synaptobrevin family and the SNARE superfamily. VAMP5 is the main components of a protein complex involved in the docking and/or fusion of vesicles and cell membranes. This protein may participate in a trafficking events that is associated with myogenesis, such as myoblast fusion and/or GLUT4 trafficking.
<b>Amino Acid Sequence</b>	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMAG IELERCQQQA NEVTEIMRNN FGKVLERGVK LAELQQRSDQ LLDMSSTFNK TTQNLAQKKC WENIRYRIC.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 2mM DTT.
<b>Purity</b>	> 90% by SDS – PAGE.
<b>Concentration</b>	0.5 mg/ml (determined by Bradford assay).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

## GENE INFORMATION

**Gene Name** VAMP5 vesicle-associated membrane protein 5 (myobrevin) [ Homo sapiens ]

**Synonyms** VAMP5; vesicle-associated membrane protein 5 (myobrevin); vesicle-associated membrane protein 5; myobrevin;HSPC191

**Gene ID** 10791

**mRNA Refseq** NM\_006634

**Protein Refseq** NP\_006625

**MIM** 607029

**UniProt ID** O95183

**Chromosome Location** 2p11.2

**Pathway** SNARE interactions in vesicular transport

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA