

AR09171PU-N

Recombinant human Vesicle-associated membrane protein 5 (aa 1-72), His-tagged

Alternate names:	HSPC191, VAMP5, Vesicle-associated membrane protein 5
Quantity:	0.1 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	VAMP5, also known as vesicle-associated membrane protein 5, is a member of the synaptobrevin family and the SNARE superfamily. VAMP5 is the main component of a protein complex involved in the docking and/or fusion of vesicles and cell membranes. This protein may participate in trafficking events that are associated with myogenesis, such as myoblast fusion and/or GLUT4 trafficking.
Uniprot ID:	O95183
NCBI:	NP_006625
GeneID:	10791
Species:	Human
Source:	E. coli
Format:	State: Liquid purified peptide Purity: >90% by SDS - PAGE Buffer System: 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 5mM DTT, 0.2M NaCl, 0.5mM EDTA
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. AA Sequence: MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMAG IELERCQQQA NEVTEIMRNN FGKVLERGK LAELQQRSDQ LLDMSSTFNK TTQNLAQKKC WENIRYRIC Molecular weight: 12.7 kDa (109 aa), confirmed by MALDI
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. Shelf life: one year from despatch.
General Readings:	Zeng Q., et al. (2003) J Biol Chem. 278(25):23046-54.

Pictures:

VAMP5, 1-72 aa human, His-tagged, recombinant, E.coli: 15% SDS-PAGE (3 µg)

