

## Vesicle-associated membrane protein 5 Human Recombinant

<b>Item Number</b>	rAP-4880
<b>Synonyms</b>	VAMP5, Vesicle-associated membrane protein 5, VAMP-5, Myobrevin, HSPC191.
<b>Description</b>	VAMP5 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 109 amino acids (1-72 a.a.) and having a molecular mass of 12.7 kDa. VAMP5 is fused to 37 amino acids His Tag at N-terminus and purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	O95183
<b>Amino Acid Sequence</b>	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMAG IELERCQQQA NEVTEIMRNN FGKVLERGK LAELQQRSDQ LLDMSSTFNK TTQNLAQKCC WENIRYRIC.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The VAMP5 protein solution contains 20mM Tris-HCl, pH-8, 100mM NaCl, 1mM DTT and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**