

## Vesicle-associated membrane protein 4 Human Recombinant

<b>Item Number</b>	rAP-4881
<b>Synonyms</b>	Vesicle-associated membrane protein 4, VAMP-4, VAMP4, VAMP24.
<b>Description</b>	VAMP4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 123 amino acids (1-115 a.a.) and having a molecular mass of 14.5kDa. VAMP4 is fused to an 8 amino acids His Tag at C-terminus and purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	O75379
<b>Amino Acid Sequence</b>	MPPKFKRHLN DDDVTGSVKS ERRNLEDDSD DEEDFFLRG PSGPRFGPRN DKIKHVQNQV DEVI-DVMQEN ITKVIERGER LDELQDKSES LSDNATAFSN RSKQLRRQMW WRGCKLEHHH HHH.
<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 VAMP4 protein solution contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, and 20% 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**