

## Synaptobrevin-2 Human Recombinant

<b>Item Number</b>	rAP-4877
<b>Synonyms</b>	Vesicle-associated membrane protein 2, SYB2, VAMP-2, Synaptobrevin-2, VAMP2, FLJ11460.
<b>Description</b>	VAMP2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 126 amino acids (1-89) and having a molecular mass of 13.8 kDa. The VAMP contains 37 amino acids His-Tag fused at N-terminus and purified by standard chromatography techniques.
<b>Uniprot Accession Number</b>	P63027
<b>Amino Acid Sequence</b>	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMSA TAATAPPAAP AGEKPPAPP PNLTSNRRLQ QTQAQVDEVV DIMRVNVDKV LERDQKLSL DDRADALQAG ASQFETSAK LKRKYW.
<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 protein solution (1mg/ml) contains 1X PBS pH 7.4 and 1mM EDTA. Greater than 95.0% 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**