

Synaptobrevin-2 Recombinant Mouse

Item Number	rAP-4874
Synonyms	Vesicle-associated membrane protein 2, VAMP-2, Synaptobrevin-2, Vamp2, Syb2.
Description	VAMP2 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 118 amino acids (1-94 a.a) and having a molecular mass of 12.8kDa. VAMP2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P63044
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSATAA TVPPAAPAGE GGPPAPPPNL TSNRRLLQQTQ AQVDEVVDIM RVNVDKVLER DQKLSLDDR ADALQAGASQ FETSAAKLKR KYWWKNLK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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.
Formulation and Purity	VAMP2 protein solution (1mg/ml) containing Phosphate Buffered Saline (pH7.4), 1mM EDTA, 0.1mM PMSF and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**