

Synaptobrevin 1,1-91 aa, Human, Recombinant, His- tagged, E.coli

Cat.NO.: TP04107

3th Edition

Synonyms:VAMP1, SYB1, Synaptobrevin 1, VAMP-1, Synaptobrevin-1, Vesicle-associated membrane protein 1, Vesicle-associated membrane protein 1 isoform 1 DKFZp686H12131, SYB 1, Synaptobrevin1, VAMP 1

Description:Synaptobrevin 1(Vehicle-associated membrane, VAMP1) is one of the key proteins in the SNARE complex which is involved in regulated exocytosis. Synaptobrevin1 binds to t-SNAREs, syntaxin (STX) and SNAP25, after the fusion of synaptic vesicles to plasma membrane. Recombinant human Synaptobrevin1, fused to His- tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:In Phosphate-buffered saline (pH 7.4), 1mM EDTA

Molecular Weight:11.9 kDa (111 aa), confirmed by MALDI-TOF.

Sequences:

MGSSHHHHHSSGLVPRGSHMSAPAQPPAEGTEGTAPGGGPPGPPPNMTSNRRLQQTQAQVEEVVDIIRVNVD
KVLERDQKLSELDDRADALQAGASQFESSAAKLKRKYW

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.