

Synaptobrevin 1 Recombinant Protein | VAMP1 recombinant protein

Synaptobrevin 1, 1-91aa, Human, His tag, E Coli

CATALOG # AAA48437	HOST E Coli	APPLICATIONS SDS-Page
------------------------------	-----------------------	---------------------------------

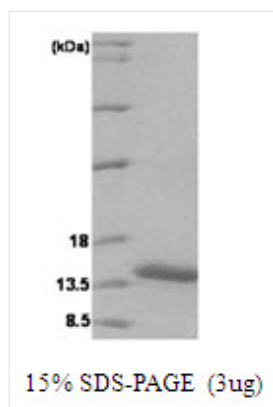
PRODUCT SYNONYMS

Synaptobrevin 1; 1-91aa; Human; His tag; E Coli; Vesicle-associated membrane protein 1 isoform 1; VAMP1; SYB1; VAMP-1; Synaptobrevin-1; Vesicle-associated membrane protein 1; Vesicle-associated membrane protein 1 isoform 1 DKFZp686H12131; SYB 1; Synaptobrevin1; VAMP 1; Vesicle associated membrane protein 1; Vesicle associated membrane protein 1 synaptobrevin 1.; VAMP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	In phosphate-buffered saline (pH 7.4), 1mM EDTA
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MSAPAQPPAE GTEGTAPGGG PPGPPNMTS NRRLQQTQQAQ VEEVVDIIRV NVDKVLERDQ KLSELDADRAD ALQAGASQFE SSAKLKRKY W
Sequence Length	118
Applicable Applications for VAMP1 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for VAMP1 recombinant protein	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.
Product Categories/Family for VAMP1 recombinant protein	Neuroscience
References	Nystuen AM., et al. (2007) Neurogenetics. 8:1-10.; Pennuto M., et al. (2003) Mol Biol Cell. 14:4909-19.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657673
NCBI GeneID	6843
NCBI Accession #	NP_055046
NCBI GenBank Nucleotide #	NM_014231.4
UniProt Accession #	P23763; O75468; Q15857; Q6FG94; Q8IVC9; A8MVP3; D3DUR3
Molecular Weight	11.9 kDa (111 aa), confirmed by MALDI-TOF.
NCBI Official Full Name	vesicle-associated membrane protein 1 isoform 1
NCBI Official Synonym Full Names	vesicle associated membrane protein 1
NCBI Official Symbol	VAMP1
NCBI Official Synonym Symbols	SYB1; SPAX1; VAMP-1
NCBI Protein Information	vesicle-associated membrane protein 1
UniProt Protein Name	Vesicle-associated membrane protein 1
UniProt Gene Name	VAMP1
UniProt Synonym Gene Names	SYB1; VAMP-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.