

Synaptobrevin-2 Recombinant Protein | VAMP2 recombinant protein

Recombinant Human Synaptobrevin-2

CATALOG #
AAA38523

PRODUCT SYNONYMS

Synaptobrevin-2; Recombinant Human Synaptobrevin-2; VAMP2 Human; Synaptobrevin-2 Human Recombinant; Vesicle-associated membrane protein 2; SYB2; VAMP-2; VAMP2; FLJ11460; VAMP2 recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	The protein solution (1mg/mL) contains 1X PBS pH 7.4 and 1mM EDTA.
Sequence	MRGSHHH HHHGMASMTG GQQMGRDLYD DDDKDRWGS MSATAA TAPPAAPAGE GGPPAPPPNL TSNRRLQQTQ AQVDEVVDIM RVNVDKVLER DQKLSLDDR ADALQAGASQ FETSAAKLKR KYW
Sequence Length	116
Source	Escherichia Coli.
Physical Appearance	Sterile Filtered colorless solution.
Preparation and Storage	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.

ADDITIONAL INFORMATION

Related Product Information for VAMP2 recombinant protein	Description: 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. Introduction: Synaptobrevin 2 which is an 18 kDa integral membrane protein localized to the cytoplasmic surface of synaptic vesicle, consists of a proline-rich N-terminal region, a highly conserved hydrophilic domain, followed by a transmembrane anchor and a C-terminal. Synaptobrevin 2 is predominantly expressed in Langerhans islets and glomerular cells. The N-terminal domain of the protein (residues 1-89) forms a specific SNARE complex with the target membrane-associated t- or Q-SNAREs syntaxin 1 and SNAP-25.
Product Categories/Family for VAMP2 recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins ; Synaptobrevin

NCBI AND UNIPROT INFORMATION

NCBI GI #	172072620
NCBI GeneID	6844
NCBI Accession #	NP_055047.2
NCBI GenBank Nucleotide #	NM_014232.2
UniProt Accession #	P63027; P19065; Q9BUC2

NCBI Official Full Name	vesicle-associated membrane protein 2
NCBI Official Synonym Full Names	vesicle-associated membrane protein 2 (synaptobrevin 2)
NCBI Official Symbol	VAMP2
NCBI Official Synonym Symbols	SYB2; VAMP-2
NCBI Protein Information	vesicle-associated membrane protein 2; synaptobrevin 2; synaptobrevin-2; vesicle associated membrane protein 2
UniProt Protein Name	Vesicle-associated membrane protein 2
UniProt Gene Name	VAMP2
UniProt Synonym Gene Names	SYB2; VAMP-2
UniProt Entry Name	VAMP2_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/vamp2-recombinant-protein/38523>