Datasheet for ABIN667044

VAMP2 Protein (AA 1-89) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	VAMP2
Protein Characteristics:	AA 1-89
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This VAMP2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	Synaptobrevin 2 ,1-89 aa, Human, Recombinant, His- tagged, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	VAMP2
Alternative Name:	Synaptobrevin 2 (VAMP2 Products)
Background:	Synaptobrevin 2(Vehicle-associated membrane, VAMP2), 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)

Target Details

	forms a specific SNARE complex with the target membrane-associated t- or Q-SNAREs syntaxin 1 and SNAP-25. Synonyms: VAMP2, SYB2, Synaptobrevin 2, VAMP-2, Synaptobrevin-2, Vesicle-associated membrane protein 2, vesicle-associated membrane protein 2 FLJ11460, RATVAMPB, RATVAMPIR, SYB, VAMP 2, Vesicle associated membrane protein 2, Vesicle-associated membrane protein 2 (synaptobrevin 2). NCBI no.: NP_055047
Molecular Weight:	13.8 kDa (126 aa)
Pathways:	Peptide Hormone Metabolism, Synaptic Vesicle Exocytosis, Dicarboxylic Acid Transport

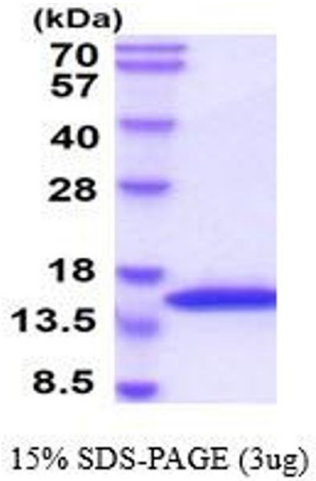
Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/ml (determined by Bradford assay)
Buffer:	Liquid. In Phosphate-buffered saline (pH 7.4), 1mM EDTA
Storage:	4 °C

Images



SDS-PAGE

Image 1.