



## Product Datasheet

<b>Product Name</b>	Synaptobrevin-2 Human Recombinant
<b>Cata No</b>	CB501189
<b>Source</b>	<i>Escherichia Coli.</i>
<b>Synonyms</b>	Vesicle-associated membrane protein 2, SYB2, VAMP-2, Synaptobrevin-2, VAMP2, FLJ11460.

### Description

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.

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