

## Recombinant Human VAMP3 Protein, His&GST-tagged

Cat. No. VAMP3-545H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human VAMP3 Protein (Ser2-Ser99) with N-His&GST tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser2-Ser99
<b>Description</b>	Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. This gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. Because of its high homology to other known VAMPs, its broad tissue distribution, and its subcellular localization, the protein encoded by this gene was shown to be the human equivalent of the rodent cellubrevin. In platelets the protein resides on a compartment that is not mobilized to the plasma membrane on calcium or thrombin stimulation.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 43.0 kDa Accurate Molecular Mass: 43 kDa
<b>Purity</b>	> 80%

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<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

<b>Gene Name</b>	VAMP3 vesicle-associated membrane protein 3 (cellubrevin) [ Homo sapiens (human) ]
<b>Official Symbol</b>	VAMP3
<b>Synonyms</b>	VAMP3; vesicle-associated membrane protein 3 (cellubrevin); vesicle-associated membrane protein 3; CEB; VAMP-3; cellubrevin; synaptobrevin-3
<b>Gene ID</b>	9341
<b>mRNA Refseq</b>	NM_004781
<b>Protein Refseq</b>	NP_004772

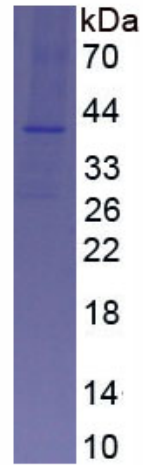
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**MIM** 603657

**UniProt ID** Q15836



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