

# Recombinant Human VAMP8 Protein, His&GST-tagged

**Cat. No.** VAMP8-546H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human VAMP8 Protein (Met1-Ser100) with N-His&GST tag was expressed in E. coli.                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | Met1-Ser100                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | This gene encodes an integral membrane protein that belongs to the synaptobrevin/v esicle-associated membrane protein subfamily of soluble N-ethylmaleimide-sensitive f actor attachment protein receptors (SNAREs). The encoded protein is involved in the fusion of synaptic vesicles with the presynaptic membrane. |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 41.4 kDa<br>Accurate Molecular Mass: 43 kDa                                                                                                                                                                                                                                                  |
| <b>Purity</b>           | > 80%                                                                                                                                                                                                                                                                                                                  |
| <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                                                                                                                                          |

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer**

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

VAMP8 vesicle-associated membrane protein 8 (endobrevin) [ Homo sapiens (human) ]

**Official Symbol**

VAMP8

**Synonyms**

VAMP8; vesicle-associated membrane protein 8 (endobrevin); vesicle-associated membrane protein 8; EDB; VAMP-8

**Gene ID**

8673

**mRNA Refseq**

NM\_003761

**Protein Refseq**

NP\_003752

**MIM**

603177

**UniProt ID**

Q9BV40

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