

## Recombinant Human vesicle associated membrane protein 8 Protein, His tagged

**Cat. No.** VAMP8-001H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human VAMP8 Protein with His tag was expressed in E. coli.                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 1-75 aa                                                                                                                                                                                                                                                                                                                |
| <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>Tag</b>              | C-His                                                                                                                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | 10 kDa                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MEEASEGGGNDVRNLQSEVEGVKNIMTQNVERILARGENLEHLRNKTEDLEATSE<br>HFKTTSQKVARKFWWKNVKHHHHHHHHH                                                                                                                                                                                                                                |
| <b>Endotoxin</b>        | < 1 EU/μg by LAL                                                                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | > 90% by SDS-PAGE                                                                                                                                                                                                                                                                                                      |

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|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Storage Buffer</b> | Sterile PBS, pH8.0, 10% Glycerol, 8% Trehalose                                                                                                                      |
| <b>Concentration</b>  | 0.54 mg/mL by BCA                                                                                                                                                   |

## GENE INFORMATION

|                        |                                                                                                               |
|------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | VAMP8 vesicle associated membrane protein 8 [ Homo sapiens (human) ]                                          |
| <b>Official Symbol</b> | VAMP8                                                                                                         |
| <b>Synonyms</b>        | VAMP8; vesicle-associated membrane protein 8 (endobrevin); vesicle-associated membrane protein 8; EDB; VAMP-8 |
| <b>Gene ID</b>         | 8673                                                                                                          |
| <b>mRNA Refseq</b>     | NM_003761                                                                                                     |
| <b>Protein Refseq</b>  | NP_003752                                                                                                     |
| <b>MIM</b>             | 603177                                                                                                        |
| <b>UniProt ID</b>      | Q9BV40                                                                                                        |

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