

## Recombinant Human VAPB protein(Met1-Pro132), His-tagged

**Cat. No.** VAPB-3853H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human VAPB (O95292-1(Met 1-Pro 132)) was expressed in E. coli, fused with a polyhistidine tag at the C-terminus.                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 1-132 a.a.                                                                                                                                                                                                                                      |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                  |
| <b>Bio-activity</b>     | Measured by its ability to bind recombinant human EphB2 in a functional ELISA.                                                                                                                                                                  |
| <b>Molecular Mass</b>   | The recombinant human VAPB consisting of 142 amino acids and has a calculated molecular mass of 16.3 kDa. It migrates as an approximately 18 kDa band in SDS-PAGE under reducing conditions.                                                    |
| <b>Purity</b>           | > 97 % as determined by SDS-PAGE                                                                                                                                                                                                                |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of                                                                                                                                                        |

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

|                        |                                                                                                                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | VAPB VAMP (vesicle-associated membrane protein)-associated protein B and C [ Homo sapiens ]                                                                                                                 |
| <b>Official Symbol</b> | VAPB                                                                                                                                                                                                        |
| <b>Synonyms</b>        | VAPB; VAMP (vesicle-associated membrane protein)-associated protein B and C; vesicle-associated membrane protein-associated protein B/C; ALS8; VAP B; VAP C; VAMP-associated 33 kDa protein; VAP-B; VAMP-B; |
| <b>Gene ID</b>         | 9217                                                                                                                                                                                                        |
| <b>mRNA Refseq</b>     | NM_001195677                                                                                                                                                                                                |
| <b>Protein Refseq</b>  | NP_001182606                                                                                                                                                                                                |
| <b>MIM</b>             | 605704                                                                                                                                                                                                      |
| <b>UniProt ID</b>      | O95292                                                                                                                                                                                                      |

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