

## 32-7633: Recombinant Human VAMPB/VAPB (C-6His)

**Gene :** VAPB  
**Gene ID :** 9217  
**Uniprot ID :** O95292

### Description

Source: E.coli.  
MW :16kD.

Recombinant Human VAMPB is produced by our E.coli expression system and the target gene encoding Ala2-Pro132 is expressed with a 6His tag at the C-terminus. vesicle-associated membrane protein-associated protein B/C (VAPB) is presents in mitochondria-associated membranes that are endoplasmic reticulum membrane regions closely apposed to the outer mitochondrial membrane. It can form homodimer, and heterodimer with VAPA. It also interacts with VAMP1, VAMP2, HCV NS5A, NS5B, ZFYVE27 and RMDN3. VAPB participates in the endoplasmic reticulum unfolded protein response (UPR) by inducing ERN1/IRE1 activity. It is involved in cellular calcium homeostasis regulation.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** MAKVEQVLSLEPQHELKFRGPFTDVVTTNLKLGNPDRNVCFKVKTTAPRRYCVRPNSGIIDAGASINVSVMQLQ PFDYDPNEKSKHKFMVQSMFAPDTSDMEAVWKEAKPEDLMDSKLRCVFELPAENDKPLEHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.