

## Product datasheet for **TP726888**

### VAPB Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human VAMPB/VAPB (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ala2-Pro132
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human Vesicle-associated membrane protein-associated protein B 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.
Storage:	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.
Stability:	12 months from date of despatch
Locus ID:	9217
UniProt ID:	<a href="#">O95292</a>
Synonyms:	Vesicle-associated membrane protein-associated protein B/C;VAMP-B/VAMP-C;VAMP-associated protein B/C;VAP-B/VAP-C
Summary:	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.
Protein Families:	Transmembrane



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