

Human CellExp™ VAPB, Human recombinant
VAPB, ALS8, VAMP-B, Vesicle-associated membrane protein-associated protein B/C
Catalog # PBV11615r

Specification

Human CellExp™ VAPB, Human recombinant - Product info

Primary Accession [O95292](#)
Calculated MW **15.8 kDa** KDa

Human CellExp™ VAPB, Human recombinant - Additional Info

Gene ID **9217**
Other Names
VAPB, ALS8, VAMP-B, Vesicle-associated membrane protein-associated protein B/C

Gene Source **Human**
Source **HEK 293 cells**
Assay&Purity **SDS-PAGE;> 95%**
Recombinant **Yes**
Target/Specificity
VAPB

Application Notes

Reconstitute in sterile deionized water to the desired protein concentration.

Format

Lyophilized

Storage

-20°C; Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally Trehalose is added as protectant before lyophilization.

Human CellExp™ VAPB, Human recombinant - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp™ VAPB, Human recombinant - Images

Human CellExp™ VAPB, Human recombinant - Background

Vesicle-associated membrane protein-associated protein B/C (VAPB) is also known as VAMP-associated protein B/C (VAMP-B/VAMP-C or VAP-B/VAP-C), which is a single-pass type IV membrane protein and belongs to the VAMP-associated protein (VAP) family. Involved in cellular calcium homeostasis regulation, VAPB participates in the endoplasmic reticulum unfolded protein response (UPR) by inducing ERN1/IRE1 activity as well. VAPB can interact with VAMP1, VAMP2, HCV NS5A, NS5B, ZFYVE27 (via MSP domain) and RMDN3. Human VAPB is involved in hepatitis C virus replication through interaction with NS5A and NS5B.