

[Go to Product page](#)

Datasheet for ABIN7319355 VAPB Protein (His tag)

Overview

Quantity:	50 µg
Target:	VAPB
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This VAPB protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human VAPB Protein (His Tag)(Active)
Sequence:	Ala2-Pro132
Characteristics:	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.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Immobilized Human EphB2-Fc(Cat: PKSH032012) at 1µg/ml(100 µl/well) can bind Human VAMPB-His. The ED50 of Human VAMPB-His is 5.179ug/ml .

Target Details

Target:	VAPB
---------	------

Target Details

Alternative Name:	VAPB (VAPB Products)
Background:	<p>Background: 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.</p> <p>Synonym: Vesicle-associated membrane protein-associated protein B/C,VAMP-B/VAMP-C,VAMP-associated protein B/C,VAP-B/VAP-C</p>
Molecular Weight:	16.0 kDa
Pathways:	ER-Nucleus Signaling

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	<p>Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.</p> <p>Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>