

Datasheet for ABIN7565009

OSBPL3 Protein (AA 1-855) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	OSBPL3
Protein Characteristics:	AA 1-855
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OSBPL3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Osbpl3 Protein expressed in mammalian cells.
Sequence:	MSDEKNLGVS QKLVSRSRST SSCSSKQGSR QDSWEVVEGL RGEMTYTQEP PVQKGFLKK RKWPLKGWHK RFFCLEKGIL KYAKSQADIE REKLHGCIDV GLSVMSVKKS SKCIDLDTEE HIYHLKVKSE ELFDEWVSKL RHHRMYRQNE IAMFPRDVNH FFGSSVTDS APGVFESVSS RKRSSLSKQN SFPPGSNLSF SCGGDTRVPF WLQSSDMEK CSKDMAHCHA YLLEMSQLLE SMDVLHRTYS APAINAIQVP KPFGSPVRLH SSNPNLSTLD FGEEKSYSDG SEASSEFSKM QEDLCHVAHK VYFALRSAFN SISVEREKLK QLMELDTSPS PSAQVWGLKH ALSSALAQNT DLKERLRRIH AESLLDPPA VPKPGDNLAE ENSRDEGRAL VHQLSNESRL SITDSLSEFF DAQEVLLSPS SENEISDDD SYVSDISDNL SLDNLSNDLD NERQTLGPVL ESSGEARSKR RTSLPAPGPN TSSVSLWSIL RNNIGKDLSK VAMPVELNEP LNTLQRLCEE LEYSELLDKA SRIPSPLERM VYVAAFAISA YASSYFRAGS KPFNPVLGET YECIRQDKGF QFFAEQVSHH PPISACHAES GNFVFWQDVR WKNKFWGKSM EIVPIGTTHV TLPAFGDHFE WNKVTSCIHN ILSGQRWIEH YGEIDIKNLN DDSCHCKVNF IKAKYWSTNA HEIEGTVFDR SGKAVHRLFG

Product Details

KWHESIYCGG ASSSTCVWRA NPMPKGYEQY YGFTQFALEL NEMDPLSRSL LPPTDTRFRP
DQRLLEEGNI EEAEVQKQRI EKLQRERRRV LEENGVEHQP RFFRKSSDDA WWSNGTYLEL
RKDLGFSKLD HPVLW **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: OSBPL3

Alternative Name: Osbpl3 ([OSBPL3 Products](#))

Background: Oxysterol-binding protein-related protein 3 (ORP-3) (OSBP-related protein 3),FUNCTION: Phosphoinositide-binding protein which associates with both cell and endoplasmic reticulum (ER) membranes. Can bind to the ER membrane protein VAPA and recruit VAPA to plasma membrane sites, thus linking these intracellular compartments. The ORP3-VAPA complex stimulates RRAS signaling which in turn attenuates integrin beta-1 (ITGB1) activation at the cell surface. With VAPA, may regulate ER morphology. Has a role in regulation of the actin

Target Details

cytoskeleton, cell polarity and cell adhesion. Binds to phosphoinositides with preference for PI(3,4)P2 and PI(3,4,5)P3. Also binds 25-hydroxycholesterol and cholesterol. {ECO:0000250|UniProtKB:Q9H4L5}.

Molecular Weight: 97.0 kDa

UniProt: [Q9DBS9](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months