

Datasheet for ABIN7565311
OSBPL10 Protein (AA 1-766) (His tag)



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Overview

Quantity:	1 mg
Target:	OSBPL10
Protein Characteristics:	AA 1-766
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OSBPL10 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Osbpl10 Protein expressed in mammalian cells.
Sequence:	MERAAQSTDG GGGGGSNSSF RSSSRATSAG SSPSCSLAGR GVASRSGAAG LGGGGSRSSP GSVAASPSGG GRRRREPAL GVLSKYTNLL QGWQSRFVFL DFEAGLLQYF VNEQSKHQKP RGVLSLSGAI VSLSDAPHM LVVYSANGEM YKLRAADSKE KQLWVTQLRA CAKYHMEMSS KTPGSRSRSL TLLPHGTPS SASPCSQRHL STGAPGVVSV TRHKSPAAAR RAKSQYSGQL HEVREMMNQV EGQQKNLVHA IESLPGSGPL TALDQDLLLL KATSAATLSC LGECLSLQQL SVRQAAPPSH KPGASETILG WHGPTSHSTD QLKNGTLGSL PSASANITWA ILPNSAEEEEH NSQPEPEPDS GPVLVSEEE QSDNEDKGEV EPGAMEDQRS VILHLISQLK LGMDLTKVVL PTFILEKRSL LEMYADFMAH PDLLLAITAG ATPEERVISF VEYLTAFHE GRKGTLAKKP YNPIIGETFH CSWEVPKDRV KSKWTSPPHP ISAHEHPMAD DPSKSYKLRV VAEQVSHHPP ISCFYCECKE KRLCVNTHVW TSKKFMGMSV GVMIGEGVL RLLDHGEEYV FTLPSAYARS ILTVPWVELG GKNVNSCAKT GYSATVTFHT KPFYGGKVHR VTAEVKHNPT NTIVCKAHGE WNGTLEFTYS NGETKVIDTT TLPVYPKLR PLEKQGPMS RNLWQEVTHY LRLGDIDAAT

Product Details

EQKRRLEERQ RVEERKRETL RTPWRPKYFI PEGDGVVYFN PLWKTH **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: OSBPL10

Alternative Name: Osbpl10 ([OSBPL10 Products](#))

Background: Oxysterol-binding protein-related protein 10 (ORP-10) (OSBP-related protein 10),FUNCTION: Probable lipid transporter involved in lipid countertransport between the endoplasmic reticulum and the plasma membrane. Its ability to bind phosphatidylserine, suggests that it specifically exchanges phosphatidylserine with phosphatidylinositol 4-phosphate (PI4P), delivering phosphatidylserine to the plasma membrane in exchange for PI4P. Plays a role in negative regulation of lipid biosynthesis. Negatively regulates APOB secretion from hepatocytes. Binds cholesterol and acidic phospholipids. Also binds 25-hydroxycholesterol. Binds

Target Details

phosphatidylserine. {ECO:0000250|UniProtKB:Q9BXB5}.

Molecular Weight: 83.9 kDa

UniProt: [S4R1M9](#)

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
