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Datasheet for ABIN7562073

OSBPL8 Protein (AA 1-889) (His tag)

Overview

Quantity:	1 mg
Target:	OSBPL8
Protein Characteristics:	AA 1-889
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OSBPL8 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Osbpl8 Protein expressed in mammalian cells.
Sequence:	MEAALADGEP DRSSLLGDSK DVLGPSTVVA NSDEPQHLTP GKMSQRQGRD ANPTPTRDLP QPSLSPASLH SQGFERKED ISQNKDDSSL SMSKSKSESK LYNGSEKDSS TSSKLTKKES LKVQKKNYRE EKKRATKELL STIDPSVIV MADWLKIRGT LKSWTKLWCV LKPGVLLIYK TQKNGQWVGT VLLNACEIIE RPSKKDGFCE KLFHPLEQSI WAVKGPKEA VGSITQPLPS SYLIIRATSE SDGRCWMDAL ELALKCSSLL KRTMVREGKE HDLSSSDST HVTLYGLLRA NNLHSGDNFQ LNDSEIERQH FKDQDLYSDK SDKENDPEHD ESDNEVLGKS EESD TDTSER QDDSYIDPEP VEPLKETTYM EQSHEELGEA GEASQTETVS EENKSLIWL LKQVRPGMDL SRVVLPTFIL EPRSFLDKLS DYYYHADFLS EAALLENPYF RLKVKVWYWL SGFYKKPKGL KKPYNPILGE TFRCLWIHPR TNSKTFYIAE QVSHHPPISA FYVSNRKDGF CLSGSILAKS KFGNSLSAI LEGEARLTFL NRGEDYVMTM PYAHCKGILY GTMTLELGGT VNITCQKTGY SAILEFKLKP FLGSSDYVNQ ISGKCLKGKE VLATLEGHWD SEVFINDKKT DNSEIFWNPT PDIKQWRLIR HTVKFEEQDD FESEKLWQRV TKAINAKDQT EATQEKYVLE EAQRQAARDR

Product Details

KTKTQEWVCK LFELDPLTGE WHYKFS DTRP WDPLNDMIQF EKDGVIQTKV KHRTPMVSVP
KMKHKPTRQQ KKVVKGYSSP EPDIQSSGS EAQSVKPSTR RKKGIDLGDI QSSIESIKQT
QEEIKRNIMA LRNHLLSSTP ATDYFLQQKD YFVIFLLILL QVIINFIFK **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: OSBPL8

Alternative Name: Osbpl8 ([OSBPL8 Products](#))

Background: Oxysterol-binding protein-related protein 8 (ORP-8) (OSBP-related protein 8),FUNCTION: Lipid transporter involved in lipid countertransport between the endoplasmic reticulum and the plasma membrane: specifically exchanges phosphatidylserine with phosphatidylinositol 4-phosphate (PI4P), delivering phosphatidylserine to the plasma membrane in exchange for PI4P, which is degraded by the SAC1/SACM1L phosphatase in the endoplasmic reticulum. Binds

Target Details

phosphatidylserine and PI4P in a mutually exclusive manner. Binds oxysterol, 25-hydroxycholesterol and cholesterol. {ECO:0000250|UniProtKB:Q9BZF1}.

Molecular Weight: 101.3 kDa

UniProt: [B9EJ86](#)

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