

Datasheet for ABIN7550534  
**OSBPL2 Protein (AA 1-480) (His tag)**



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## Overview

Quantity:	1 mg
Target:	OSBPL2
Protein Characteristics:	AA 1-480
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OSBPL2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant OSBPL2 Protein expressed in mammalian cells.
Sequence:	<p>MNGEEFFDA VTGFSDNSS GEFSEANQKV TGMIDLDTSK NNRIGKTGER PSQENGIQKH RTSLPAPMFS RSDFSVWTL KKCVGLELSK ITMPIAFNEP LSFLQRITEY MEHVYLIHRA SCQPQLERM QSVAFAVSA VASQWERTGK PFNPLLGETY ELIREDLGFR FISEQVSHHP PISAFHSEGL NHDFLFHGSI YPKLKFWGKS VEAEPRTIT LELLKHNEAY TWTNPTCCVH NVIIGKLWIE QYGTVEILNH RTGHKCVLHF KPCGLFGKEL HKVEGHIQDK NKKKLFMIYG KWTECLWGID PVSYESFKKQ ERRGDHLRKA KLEDESGKAD SDVADDVPVA QETVQVPGS KLLWRINTRP PNSAQMYNFT SFTVSLNELE TGMEKTLPT DCRLRPDIRG MENGNMDLAS QEKERLEEKQ REARRERAKE EAEWQTRWFY PGNNPYTGTP DWLYAGDYFE RNFSDCPDIIY</p> <p><b>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.</b></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

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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

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### Target:

OSBPL2

### Alternative Name:

OSBPL2 ([OSBPL2 Products](#))

### Background:

Oxysterol-binding protein-related protein 2 (ORP-2) (OSBP-related protein 2),FUNCTION: Intracellular transport protein that binds sterols and phospholipids and mediates lipid transport between intracellular compartments. Increases plasma membrane cholesterol levels and decreases phosphatidylinositol-4,5-bisphosphate levels in the cell membrane (PubMed:30581148). Binds phosphoinositides, such as phosphatidylinositol-4,5-bisphosphate (PubMed:30581148). Exhibits strong binding to phosphatidic acid and weak binding to phosphatidylinositol 3-phosphate (PubMed:11279184). Binds cholesterol, dehydroergosterol, 22(R)-hydroxycholesterol and 25-hydroxycholesterol (in vitro) (PubMed:17428193, PubMed:19224871, PubMed:30581148). {ECO:0000269|PubMed:17428193, ECO:0000269|PubMed:19224871, ECO:0000269|PubMed:30581148}.

### Molecular Weight:

55.2 kDa

## Target Details

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UniProt: [Q9H1P3](#)

## Application Details

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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

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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