

Datasheet for ABIN7564812  
**OSBPL1A Protein (AA 1-950) (His tag)**



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## Overview

Quantity:	1 mg
Target:	OSBPL1A
Protein Characteristics:	AA 1-950
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OSBPL1A protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Osbpl1a Protein expressed in mammalian cells.
Sequence:	MNTEAEQQLL HHARNGNAEE VRKLLAAMAR MEVVADIDCK GRSKSNLGWT PHLACYFGH KQVVEDLLKA GAKVNMLNDM GDTPLHRAAF TGRKELVLLL LEYDADSTVV NGSQTAKEA THDKEIRNML EAVERTQQRK LEELLGAAR EGRTAEVSAL LSRPNPPDVN CSDQLGNTPL HCAAYRAHKQ CVLKLLRSGA DPSLKNKNDQ KPLDLAQAE MKHILVGNKV VHKALKRYEG PLWKSSRFFG WKLFWVBLEH GVLSWYRKQP DAVHNSYRQG CKHLTQAVCT VKPTDSCFLS IRCFDDTVHC FRVPKNSVQQ SREKWLEAIE EHSAYSTHYC SQDQVTDDEE EDVVSAMDLK ESLARAQTCQ QRLDREIYNF LKMIKECDVA KDMLPSFLQK ADIVSEASRE TCVALNDCLN LFTKQEGVRN FKLEQEKEKN KILSEALET LATEHHELERS LVEGSPVPSI LSEEEFYDAL SGSESEGLT CLEAVTAHSF EENEVPGSSG KHRMSEGKDC GGDALSNGI KKHRTSLPSP MFSRNDFSIW SILRKCIGME LSKITMPVIF NEPLSFLQRL TEYMEHTYLI HKASSLSDPV ERMQCVAafa VSAVASQWER TGKPFNPLLG ETYELVRDDL GFRLISEQVS HHPPIAFHA EGLNNDFIFH GSIYPKLFKW GKSVEAEPKG TITLELLDHN EAYTWTNPTC CVHNIIVGKL

## Product Details

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WIEQYGNVEI INHKTGDKCV LNFKPCGLFG KELHKVEGYI QDKSKKKLCA LYGKWTECLY  
SVDPATFDAY KKNDKKNTEE KKNSKQTSSS EESDEMPVPD SESVFIIPGS VLLWRIAPRP  
PNSAQMYNFT SFAMVLNEVD KEMESVIPKT DCRLRPDIRA MENGEIDLAS EEKKRLEEKQ  
RAARKNRSKS EEDWKTRWFH QGPNPYSGAQ DWIYSGSYWD RNYFNLPDIY **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

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**Target:** OSBPL1A

**Alternative Name:** Osbpl1a ([OSBPL1A Products](#))

**Background:** Oxysterol-binding protein-related protein 1 (ORP-1) (OSBP-related protein 1),FUNCTION: Binds phospholipids, exhibits strong binding to phosphatidic acid and weak binding to phosphatidylinositol 3-phosphate. Stabilizes GTP-bound RAB7A on late endosomes/lysosomes and alters functional properties of late endocytic compartments via its interaction with RAB7A.

## Target Details

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Binds 25-hydroxycholesterol and cholesterol. {ECO:0000250|UniProtKB:Q9BXW6}.

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Molecular Weight: 107.8 kDa

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UniProt: [Q91XL9](#)

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## 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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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