

Datasheet for ABIN7554861

OSBPL1A Protein (AA 1-950) (His tag)[Go to Product page](#)

Overview

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|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | OSBPL1A |
| Protein Characteristics: | AA 1-950 |
| Origin: | Human |
| 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 VRQLEETMAR NEVIADINCK GRSKSNLGWT PLHLACYFGH RQVVQDLLKA GAEVNVLNDM GDTPLHRAAF TGRKELVMLL LEYNADTTIV NGSGQTAKEV THAEIRSMLEAVERTQQRK LEELLAAAR EGKTTTELTA LNRPNPPDVN CSDQLGNTPL HCAAYRAHKQ CALKLLRSGA DPNLKNKNDQ KPLDLAQGAE MKHILVGNKV IYKALKRYEG PLWKSSRFFG WRLFVVVLEH GVLSWYRKQP DAVHNIYRQG CKHLTQAVCT VKSTDSCLFF IKCFDDTIHG FRVPKNSLQQ SREDWLEAIE EHSAYSTHYC SQDQLTDEEE EDTVSAADLK KSLEKAQSCQ QRLDREISNF LKMIKECDMA KEMPLSFLQK VEVVSEASRE TCVALTDCLN LFTKQEGVRN FKLEQEKEKN KILSEALET LATEHHELEQS LVKGSPPASI LSEDEFYDAL SDSESERSLS RLEAVTARSF EEEGEHLGSR KHRMSEEKDC GGDALSNGI KKHRTSLPSP MFSRNDFSIW SILRKCIGME LSKITMPVIF NEPLSFLQRL TEYMEHTYLI HKASSLSDPV ERMQCVAafa VSAVASQWER TGKPFNPLLG ETYELVRDDL GFRLISEQVS HHPPIAFHA EGLNNDFIFH GSIYPKLFKW GKSVEAEPKG TITLELLEHN EAYTWTNPTC CVHNIIVGKL |

Product Details

WIEQYGNVEI INHKTGDKCV LNFKPCGLFG KELHKVEGYI QDKSKKKLCA LYGKWTECLY
SVDPATFDAY KKNDKKNTEE KKNSKQMSTS EELDEMPVPD SESVFIIPGS VLLWRIAPRP
PNSAQMYNFT SFAMVLNEVD KDMESVIPKT DCRLRPDIRA MENGEIDQAS EEKKRLEEKQ
RAARKNRSKS EEDWKTRWFH QGPNPYNGAQ 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

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 (By similarity). Stabilizes GTP-bound RAB7A on late endosomes/lysosomes and alters functional properties of late endocytic compartments via its

Target Details

interaction with RAB7A (PubMed:16176980). Binds 25-hydroxycholesterol and cholesterol (PubMed:17428193). {ECO:0000250, ECO:0000269|PubMed:16176980, ECO:0000269|PubMed:17428193}.

Molecular Weight: 108.5 kDa

UniProt: [Q9BXW6](#)

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