

# Recombinant Human OSBPL2 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** OSBPL2-3516H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	OSBPL2 MS Standard C13 and N15-labeled recombinant protein (NP_055650) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a member of the oxysterol-binding protein (OSBP) family, a group of intracellular lipid receptors. Most members contain an N-terminal pleckstrin homology domain and a highly conserved C-terminal OSBP-like sterol-binding domain, although the encoded protein contains only the sterol-binding domain. In vitro studies have shown that the encoded protein can bind strongly to phosphatic acid and weakly to phosphatidylinositol 3-phosphate, but cannot bind to 25-hydroxycholesterol. The protein associates with the Golgi apparatus. Transcript variants encoding different isoforms have been described.
<b>Molecular Mass</b>	53.8 kDa
<b>AA Sequence</b>	MNGEEFFDAVTEANQKVTGMIDLDTSKNNRIGKTGERPSQENGIQKHRTSLPAPM FSRSDFSVWTILKCKVGLLELSKITMPIAFNEPLSFLQRITEYMEHVYLIHRASCQPQPL ERMQSVAFAVASAVASQWERTGKPFNLLGETYELIREDLGFRFISEQVSHHPPISA FHSEGLNHDFLFHGSYIPKLFKFWGKSVEAEPRGTITLELLKHNEAYTWTNPTCCVHN VIIGKLWIEQYGTVEILNHRTGHKCVLHFKPCGLFGKELHKVEGHIQDKNKKKLFMIY

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GKWTECLWGIDPVSYESFKKQERRGDHLRKAKLDEDSGKADSDVADDVPVAQETV  
 QVIPGSKLLWRINTRPPNSAQMYNFTSFTVSLNELETGMEKTLPPPTDCRLRPDIRGM  
 ENGNMDLASQEKERLEEKQREARRERAKEEAEWQTRWFYPGNNPYTGTPDWLYA  
 GDYFERNFSDCPDIYTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** OSBPL2 oxysterol binding protein-like 2 [ Homo sapiens (human) ]

**Official Symbol** OSBPL2

**Synonyms** OSBPL2; oxysterol binding protein-like 2; oxysterol binding protein like 2; oxysterol-binding protein-related protein 2; KIAA0772; ORP 2; OSBP-related protein 2; oxysterol-binding protein-like 2; ORP2; ORP-2; MGC4307; MGC8342; FLJ20223;

**Gene ID** 9885

**mRNA Refseq** NM\_014835

**Protein Refseq** NP\_055650

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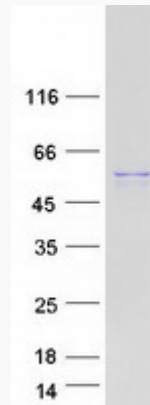
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**MIM** 606731

**UniProt ID** Q9H1P3

**SDS-PAGE**



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