

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

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

SPECIFICATION

Product Overview	OSBPL2 MS Standard C13 and N15-labeled recombinant protein (NP_055650) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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 phosphatidic 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.
Molecular Mass	53.8 kDa
AA Sequence	MNGEEFFDAVTEANQKVTGMIDLDTSKNNRIGKTGERPSQENGIQKHRTSLPAPM FSRSDFSVWTILKKCVGLELSKITMPIAFNEPLSFLQRITEYMEHVYLIHRASCQPQPL ERMQSVAFAVASQWERTGKPFNPLLGETYELIREDLGFRFISEQVSHHPPISA FHSEGLNHDFLFHGSIYPKLFWGKSVEAEPRGTITLELLKHNEAYTWTNPTCCVHN VIIGKLWIEQYGTVEILNHRTGHKCVLHFKPCGLFGKELHKVEGHIQDKNKKKLFMIY

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GKWTECLWGIDPVSYESFKKQERRGDHLRKAKLDEDSGKADSDVADDVPVAQETV
QVIPGSKLLWRINTRPPNSAQMYNFTSFTVSLNELETGMEKTLPPDCLRPDIRGM
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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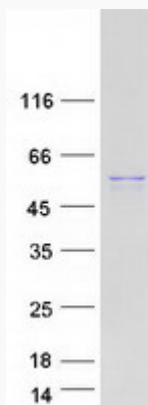
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MIM 606731

UniProt ID Q9H1P3

SDS-PAGE



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