

Product datasheet for TP301344M

OSBPL2 (NM_144498) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human oxysterol binding protein-like 2 (OSBPL2), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201344 protein sequence Red=Cloning site Green=Tags(s)

MNGEEFFDAVTGFSDNSSGEFSEANQKVTGMIDLDTSKNNRIGKTGERPSQENGIQKHRTSLPAPMFS
RSDFSVWTILKKCVGLELSKITMPIAFNEPLSFLQRITEYMEHVYLIHRASCQPQPLERMQSVAFAVSA
VASQWERTGKPFNPLLGETYELIREDLGFRFISEQVSHHPPISAFHSEGLNHDFLFHGSYIPKLFKFWGKS
VEAEPRTITLELLKHNEAYTWTNPTCCVHNVIIGKLWIEQYGTVEILNHRTGHKCVLHFKPCGLFGKEL
HKVEGHIQDKNKKKLFMIYGKWTECLWGIDPVSYESFKKQERRGDHLRKAKLDEDSGKADSDVADDVPA
QETVQVIPGSKLLWRINTRPPNSAQMYNFTSFTVSLNELETGMEKTLPTDCRLRPDIRGMENGNMDLAS
QEKERLEEKQREARRERAKEEAEWQTRWFYPGNPNPYTGTDPDWLYAGDYFERNFSDCPDIY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	55 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

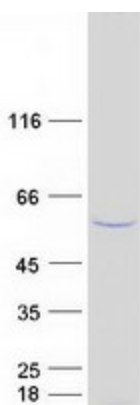


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RefSeq:	NP_653081
Locus ID:	9885
UniProt ID:	Q9H1P3
RefSeq Size:	4027
Cytogenetics:	20q13.33
RefSeq ORF:	1440
Synonyms:	DFNA67; DNFA67; ORP-2; ORP2

Summary: 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. [provided by RefSeq, Sep 2014]

Product images:



Coomassie blue staining of purified OSBPL2 protein (Cat# [TP301344]). The protein was produced from HEK293T cells transfected with OSBPL2 cDNA clone (Cat# [RC201344]) using MegaTran 2.0 (Cat# [TT210002]).