

Product datasheet for PH301344

OSBPL2 (NM_144498) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	OSBPL2 MS Standard C13 and N15-labeled recombinant protein (NP_653081)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201344
Predicted MW:	55.2 kDa
Protein Sequence:	>RC201344 protein sequence Red=Cloning site Green=Tags(s)

MNGEEFFDAVTGFSDSNSSGEFSEANQKVTGMIDLDTSKNNRIGKTGERPSQENGIQKHRTSLPAPMFS
RSDFSVWTILKKCVGLELSKITMPIAFNEPLSFLQRITYMEHVYLIHRASCQPQLERMQSVAFAVSA
VASQWERTGKPFNPLLGETYELIREDLGFRFISEQVSHPPISAFHSEGLNHDFLFHGSIYPKLKFWGKS
VEAEPRTITLELLKHNEAYTWTNPTCCVHNVIIGKLWIEQYGTVEILNHRTGHKCVLHFKPCGLFGKEL
HKVEGHIQDKNKKL FMIYGKWTECLWGIDPVSYESFKKQERRGDHLRKAKLDEDSGKADSDVADDVPVA
QETVQVIPGSKLLWRINTRPPNSAQMYNFTSFTVSLNELETGMEKTLPTDCRLRPDIRGMENGMNDLAS
QEKERLEEKQREARRERAKEEAEWQTRWFYPGNNPYTGTPDWLYAGDYFERNFSDCPDIY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_653081</u>
RefSeq Size:	4027
RefSeq ORF:	1440
Synonyms:	DFNA67; DNFA67; ORP-2; ORP2



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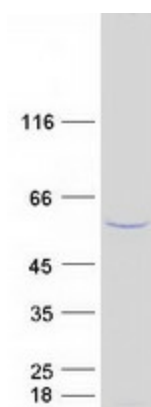
Locus ID: 9885

UniProt ID: [Q9H1P3](#)

Cytogenetics: 20q13.33

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]).