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Product datasheet for PH315660

OSBPL2 (NM_014835) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	OSBPL2 MS Standard C13 and N15-labeled recombinant protein (NP_055650)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215660
Predicted MW:	53.8 kDa
Protein Sequence:	>RC215660 representing NM_014835 Red=Cloning site Green=Tags(s) MNGEEEFFDAVTEANQKVTGMIDLDTSKNNRIGKTGERPSQENGIQKHRTSLPAPMFSRSDFSVWTILKK CVGLELSKITMPIAFNEPLSFLQRITEYMEHVYLIHRASCQPQPLERMQSVAAFAVSAVASQWERTGKPF NPLLGETYELIREDLGFRFISEQVSHHPPISAFHSEGLNHDFLFHGSIYPKLKFWGKSVEAEPRGTITLE LLKHNEAYTWTNPTCCVHNVIIGKLWIEQYGTVEILNHRTGHKCVLHFKPCGLFGKELHKVEGHIQDKNK KKLFMIYGKWTECLWGIDPVSYESFKKQERRGDHLRKAKLDEDSGKADSDVADDVPVAQETVQVIPGSKL LWRINTRPPNSAQMYNFTSFTVSLNELETGMEKTLPPTDCRLRPDIRGMENGNMDLASQEKERLEEKQRE ARRERAKEEAEWQTRWFYPGNNPYTGTPDWLYAGDYFERNFSDCPDIY 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:	NP_055650
RefSeq Size:	3935
RefSeq ORF:	1404
Synonyms:	DFNA67; DNFA67; ORP-2; ORP2

View online »

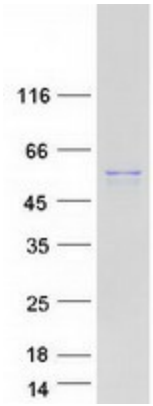
Locus ID: 9885

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# [TP315660]). The protein was produced from HEK293T cells transfected with OSBPL2 cDNA clone (Cat# [RC215660]) using MegaTran 2.0 (Cat# [TT210002]).