

## Product datasheet for PH313732

### OSBPL3 (NM\_145321) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	OSBPL3 MS Standard C13 and N15-labeled recombinant protein (NP_663161)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213732
Predicted MW:	97.1 kDa
Protein Sequence:	>RC213732 representing NM_145321 Red=Cloning site Green=Tags(s)

MMSDEKNLGVSQKLVSPSRSTSSCSSKQGRQDSWEVVEGLRGEMNYTQEPVQKGFLLKKRKWPLKGWH  
KRFFYLDKGILKYAKSQTDIEREKLHGCDVGLSVMSVKKSSKCIDLDTEEHYHLKVKSEEVFDEWVSK  
LRHHRMYRQNEIAMFPHEVNHFFSGSTITDSSSGVFDSSSRKRSSISKQNLFTGNSVFSFCGGETRVP  
LWLQSSSEMEKCSKDLAHCHAYLVEMSQLQSMVDLHRTYSAPAINAIQGGSFSPKKEKRSHRRWRSRA  
IGKDAKGTLVQPKPFGPVRLHSSNPNLSTLDFGEEKNYSDGSETSSSEFSKMVEDLCHIAHKVYFTLRSA  
FNIMSAEREKLLQMEQDASSPSAQVIGLKNALSSENSRDENRALVHQLSNESRLSITDSLSEFFDAQE  
VLLSPSSSENEISDDSYVSDISDNLSDNLSNDLDNERQTLGPVLDGREAKSRRTCLPAPCPSSSNI  
SLWNILRNNIGKDLKAVAMPVELNEPLNLTQRLCEELEYSELLDKAAQIPSPLERMVYVAAFAISAYASS  
YYRAGSKPFPVNLGETYECIREDKGFQFFSEQVSHHPPISACHAESRNFVWQDVRWKNKFWGKSMEIVP  
IGTTHVTLPVFGDHFVWVKVTSCIHNILSGQRWIEHYGEIVIKNLHDDSCYCKVNFIAKAYWSTNAHEIE  
GTVFDRSGKAVHRLFGKWHESIYCGGGSSACVWRANPMPKGYEQYYSFTQFALELNEMDPSSKLLPPT  
DTRFRPDQRFLFEEGNLEAEIQQRIEQLQRERRRVLEENHVEHQPRFFRKSDDDSWVSNGTYLELRKDL  
GFSKLDHPVLW

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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.



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RefSeq: [NP\\_663161](#)

RefSeq Size: 6622

RefSeq ORF: 2553

Synonyms: ORP-3; ORP3; OSBP3

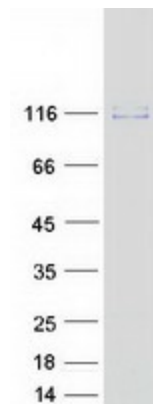
Locus ID: 26031

UniProt ID: [Q9H4L5](#), [A4D169](#)

Cytogenetics: 7p15.3

**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. The encoded protein is involved in the regulation of cell adhesion and organization of the actin cytoskeleton. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]

### Product images:



Coomassie blue staining of purified OSBPL3 protein (Cat# [TP313732]). The protein was produced from HEK293T cells transfected with OSBPL3 cDNA clone (Cat# [RC213732]) using MegaTran 2.0 (Cat# [TT210002]).