

## Product datasheet for PH321053

### OSBPL9 (NM\_148908) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	OSBPL9 MS Standard C13 and N15-labeled recombinant protein (NP_683706)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221053
Predicted MW:	81.6 kDa
Protein Sequence:	>RC221053 representing NM_148908 Red=Cloning site Green=Tags(s)

MASIMEGPLSKWTNVMKGWQYRWFVLDYNAGLLSYTSDKMMRGSRRGCVRLRGAVIGIDDEDDSTFTI  
TVDQKTFHFQARDADEREKWIHALEETILRHRTLQLQGLDSGFVPSVQDFDKKLEADAYLQILIEQLKLF  
DDKLQNKCEDEQRKKIETLKETTNSMVESIKHCIVLLQIAKSTINPVDAIYQPSLEPVISTMPSQTVLP  
PEPVQLCKSEQRPSLPGVPLATLGHHQTPTPNSTGSGHSPSSSLTSPSHVNLSPNTVPEFSYSSSED  
EFYDADEFHQSGSSPKRLIDSSGSASVLTHSSGNSLKRPDTTESLNSSLNNGTSDADLFDSDRRDDDA  
EAGSVEEHKSVIMHLLSQVRLGMDLTKVVLPTFILERLLEMYADFFAHPDLFVSIQKDPKDRMVQV  
VKWYLSAFHAGRKGSAKPYNPILGEIFQCHWTL PNDTEENTELVSEGPVPWVSKNSVTFVAEQVSHHP  
PISAFYAECFNKKIQFNAHIWTKSKFLGMSIGVHNIQGCYVCLDYDEHYILTFPNYGRSILTVPWVEL  
GGECNINCSKTGYSANII FHTKPFYGGKHRITAEIFSPNDKKSFCFCSIEGEWNGVMYAKYATGENTVFVD  
TKKLPIIKKKVRKLEDQNEYESRSLWKDVTFNLKIRDIDAATEAKHRLEERQRAEARERKEKEIQWETRL  
FHEDGECWVYDEPLLKRLGAAKH

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- 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:	<a href="#">NP_683706</a>

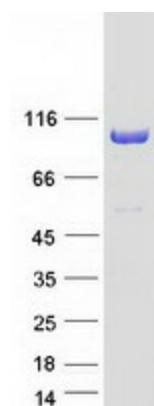


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RefSeq Size:	2880
RefSeq ORF:	2169
Synonyms:	ORP-9; ORP9
Locus ID:	114883
UniProt ID:	<a href="#">Q96SU4</a> , <a href="#">Q8TAS8</a>
Cytogenetics:	1p32.3

**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, although some members contain only the sterol-binding domain. This family member functions as a cholesterol transfer protein that regulates Golgi structure and function. Multiple transcript variants, most of which encode distinct isoforms, have been identified. Related pseudogenes have been identified on chromosomes 3, 11 and 12. [provided by RefSeq, Jul 2010]

### Product images:



Coomassie blue staining of purified OSBPL9 protein (Cat# [TP321053]). The protein was produced from HEK293T cells transfected with OSBPL9 cDNA clone (Cat# [RC221053]) using MegaTran 2.0 (Cat# [TT210002]).