

Product datasheet for PH313441

ORP1 (OSBPL1A) (NM_080597) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	OSBPL1A MS Standard C13 and N15-labeled recombinant protein (NP_542164)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213441
Predicted MW:	108.3 kDa
Protein Sequence:	>RC213441 representing NM_080597 Red=Cloning site Green=Tags(s)

MNTEAEQQLLHHARNGNAEEVRQLLETMARNEVIADINCKGRSKSNLGTWPLHLACYFGHRQVVQDLLKA
GAEVNVLNDMGDTPHRAAFTGRKELVMLLLEYNADTTIVNGSGQTAKEVTHAEEIRSMLEAVERTQQRK
LEELLLAAAREGKTTTELALLNRPNPPDVNCSQDLGNTPLHCAAYRAHKQCALKLLRSGADPNLKNKNDQ
KPLDLAQGAEMKHILVGNKVIYKALKRYEGPLWKSSRFFGWRLFVVLEHGVLSWYRQKPDVAVHNIYRQG
CKHLTQAVCTVKSTDSCLFFIKCFDDTIHGFRVPKNSLQSQSREDWLEAIEEHSAYSTHYCSQDQLTDEEE
EDTVSAADLKKSLEKAQSCQQRDREISNFLKMIKECDMAKEMPLSFLQKVEVVSEASRETCVALTDCLN
LFTKQEGVRNFKLEQEKEKNKILSEALETLATEHHELEQSLVKGSPASILSEDEFYDALSDSESERSLS
RLEAVTARSFEEEGEHLGSRKHRMSEEKDCGGDALSGIKKHRTSLPSPMFSRNDFSIWSILRKCIGME
LSKITMPVIFNEPLSFLQRLTEYMEHTYLIHKASSLSDPVERMQVAAFVAVSAVSAQWERTGKPFNPLLG
ETYELVRDDLGFRLISEQVSHPPISAFHAEGLNNDFFIHGSIYPKLKFVGKSVAEPEKGTITLELLEHN
EAYTWTNPTCCVHNIIVGKLWIEQYGNVEIINHKTGDKCVLNFKPCGLFGKELHKVEGYIQDKSKKKLCA
LYGKWTECLYSVDPATFDAYKKNKNDKNTTEKKNSKQMSSEELDEMPVPDSESVFIIPGSVLLWRIAPRP
PNSAQMYNFTSFAMVLNEVDKDMESVIPKTDCLRPRDIRAMENGEIDQASEEKKRLEEKQRAARKNRSKS
EEDWKTRWFHQGNPNPYNGAQDWIYSGSYWDRNYFNLPIY

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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.

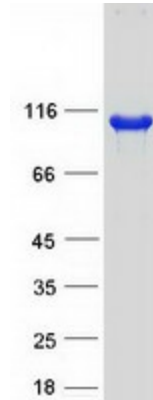


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RefSeq:	NP_542164
RefSeq Size:	4165
RefSeq ORF:	2850
Synonyms:	ORP-1; ORP1; OSBPL1B
Locus ID:	114876
UniProt ID:	Q9BXW6 , B0YJ56 , B3KU11
Cytogenetics:	18q11.2

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. Transcript variants derived from alternative promoter usage and/or alternative splicing exist; they encode different isoforms. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified OSBPL1A protein (Cat# [TP313441]). The protein was produced from HEK293T cells transfected with OSBPL1A cDNA clone (Cat# [RC213441]) using MegaTran 2.0 (Cat# [TT210002]).