

## Product datasheet for TP313441

### ORP1 (OSBPL1A) (NM\_080597) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human oxysterol binding protein-like 1A (OSBPL1A), transcript variant OSBPL1B, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213441 representing NM_080597 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MNTEAEQQLLHHARNGNAEEVRQLLETMARNEVIADINCKGRSKSNLWGTPLHLACYFGHRQVWQDLLKA  
GAENVLNDMGDTPHRAAFTGRKELVMLLLEYNADTTIVNGSGQTAKEVTHAAEIRSMLEAVERTQQRK  
LEELLAAAREGKTTEL TALLNRPNPPDVNCS DQLGNTPLHCAAYRAHKQCALKLLRSGADPNLKNKNDQ  
KPLDLAQAEMKHILVGNKVIYKALKRYEGPLWKSSRFFGWRLFVVVLEHGVLSWYRKQPDVHNIYRQG  
CKHLTQAVCTVKSTDSCLFFIKCFDDTIHGFRVPKNSLQQSREDWLEAIEEHSAYSTHYCSQDQLTDEEE  
EDTVSAADLKKSLKAQSCQQRDLREISNFLKMIKECDMAKEMPLSFLQKVEVSEASRETCVALTDCLN  
LFTKQEGVRNFKLEQEKEKNKILSEALETLATEHHELEQSLVKGSPASILSEDEFYDALSDSESERLS  
RLEAVTARSFEEEGEHLGSRKHRMSEEKDCGGGDALSNGIKKHRTSLPSPMFSRNDFSIWSILRKCIGME  
LSKITMPVIFNEPLSFLQRLTEYMEHTYLIHKASSLSDPVERMQCVAFAVSAVASQWERTGKPFNPLLG  
ETYELVRDDLGFRLISEQVSHHPPISAFHAEGLNNDFIHGSYIPKLFKFWGKSVEAEPKGTITLLELHN  
EAYTWTNPTCCVHNIIVGKLWIEQYGNVEIINHKTGDKCVLNFKPCGLFGKELHKVEGYIQDKSKKKLCA  
LYGKWTECLYSVDPATFDAYKKNKNTTEKKNSKQMTSEELDEMPVPDSESVFIIPGSVLLWRIAPRP  
PNSAQMYNFTSFAMVLNEVDKDMESVIPKTDCLRPDIRAMENGEIDQASEEKKRLEEKQRAARKNRSKS  
EEDWKTRWFHQGNPYNGAQDWIYSGSYWDRNYFNLPDIY

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

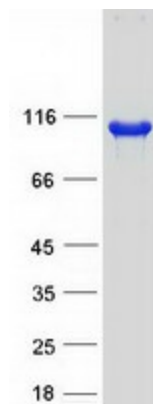
Tag:	C-Myc/DDK
Predicted MW:	108.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_542164</a>
<b>Locus ID:</b>	114876
<b>UniProt ID:</b>	<a href="#">Q9BXW6</a> , <a href="#">B0YJ56</a> , <a href="#">B3KU11</a>
<b>RefSeq Size:</b>	4165
<b>Cytogenetics:</b>	18q11.2
<b>RefSeq ORF:</b>	2850
<b>Synonyms:</b>	ORP-1; ORP1; OSBPL1B
<b>Summary:</b>	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]).