

Recombinant Human OSBPL1A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. OSBPL1A-3012H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	OSBPL1A MS Standard C13 and N15-labeled recombinant protein (NP_542164) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	108.3 kDa
AA Sequence	MNTEAEQQLLHHARNGNAEEVRQLLETMARNEVIADINCKGRSKSNLGWTPHLHAC YFGHRQVVQDLLKAGAEVNVLNDMGDTPHRAAFTGRKELVMLLLEYNADTTIVNG SGQTAKEVTHAAEIRSMLEAVERTQQRKLEELLAAAREGKTTELTALLNRPNPPDV NCSDQLGNTPLHCAAYRAHKQCALKLLRSGADPNLKNKNDQKPLDLAQGAEMKHIL VGNKVIYKALKRYEGPLWKSSRFFGWRLFVVVLEHGVLSWYRKQPDVHNIYRQG CKHLTQAVCTVKSTDSCLFFIKCFDDTIHGFRVPKNSLQQSREDWLEAIEEHSAYST HYCSQDQLTDEEEEDTVSAADLKKSLKAQSCQQRDLREISNFLKMIKECDMAKEM

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LPSFLQKVEVVSEASRETCVALTDCNLNFTKQEGVRNFKLEQEKEKNKILSEALET
 TEHHELEQSLVKGSPPASILSEDEFYDALSDSESERSLSRLEAVTARSFEEEGEHLG
 SRKHRMSEEKDCGGGDALSNGIKKHRTSLPSPMFSRNDFSIWSILRKCIGMELSKIT
 MPVIFNEPLSFLQRLTEYMEHTYLIHKASSLSDPVERMQCVAFAVSAVASQWERTG
 KPFNPLLGETYELVRDDLGFRLISEQVSHHPPISAFHAEGLNNDFFHGSYIPKLKFW
 GKSVEAEPKGTITLELLEHNEAYTWTNPTCCVHNIIVGKLWIEQYGNVEIINHKTGDK
 CVLNFKPCGLFGKELHKVEGYIQDKSKKKLALYGKWTECLYSVDPATFDAYKKND
 KKNTTEKKNSKQMSSTSEELDEMPVPDSESVFIIPGSVLLWRIAPRPPNSAQMYNFTS
 FAMVLNEVDKDMESVIPKTDCLRPDIRAMENGEIDQASEEKKRLEEKQRAARKNR
 SKSEEDWKTRWFHQGNPNYNGAQDWIYSGSYWDRNYFNLPDIYTRTRPLEQKLIS
 EEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name OSBPL1A oxysterol binding protein-like 1A [Homo sapiens (human)]

Official Symbol OSBPL1A

Synonyms OSBPL1A; oxysterol binding protein-like 1A; OSBPL1B, oxysterol binding protein like 1B; oxysterol-binding protein-related protein 1; ORP 1; ORP1; OSBP-related protein

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1; oxysterol binding protein-like 1B; oxysterol-binding protein-related protein 1 variant 1; oxysterol-binding protein-related protein 1 variant 2; ORP-1; OSBPL1B; FLJ10217;

Gene ID [114876](#)

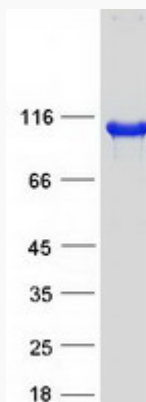
mRNA Refseq [NM_080597](#)

Protein Refseq [NP_542164](#)

MIM [606730](#)

UniProt ID [Q9BXW6](#)

SDS-PAGE



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