

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

MNTEAEQQLLHHARNGNAEEVRQLLETMARNEVIADINCKGRSKSNLGWTPHLAC
 YFGHRQVVQDLLKAGAEVNLNDMGDTPHRAAFTGRKELVMLLLEYNADTTIVNG
 SGQTAKEVTHAAEIRSMLEAVERTQQRKLEELLAAAREGKTTELTALLNRPNPPDV
 NCSDQLGNTPLHCAAYRAHKQCALKLLRSGADPNLKNKNDQKPLDLAQAEMKHIL
 VGNKVIYKALKRYEGPLWKSSRFFGWRLFVVVLEHGVLSWYRKQPDAVHNIYRQG
 CKHLTQAVCTVKSTDSCLFFIKCFDDTIHGFRVPKNSLQQSREDWLEAIEEHSAYST
 HYCSQDQLTDEEEEDTVSAADLKKSLEKAQSCQQLDREISNFLKMIKECDMAKEM

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LPSFLQKVEVVSEASRETCVALTDCLNLFTKQEGVRNFKLEQEKEKNKILSEALET
 TEHHELEQSLVKGSPASILSEDEFYDALSDSESERSLRLEAVTARSFEEEGEHLG
 SRKHRMSEEKDCGGGDALSNGIKKHRTSLPSPMFSRNDFSIWSILRKCIGMELSKIT
 MPVIFNEPLSFLQRLTEYMEHTYLIHKASSLSDPVERMQCVAFAVSAVASQWERTG
 KPFNPLLGETYELVRDDLGFRLISEQVSHHPPISAFHAEGLNNDFFIFHGSYIPKLFKFW
 GKSVEAEPKGTITLLEHNEAYTWTNPTCCVHNIIVGKLWIEQYGNVEIINHKTGDK
 CVLNFKPCGLFGKELHKVEGYIQDKSKKKLALYGWTECLYSVDPATFDAYKKND
 KKNTTEEKNSKQMSTSEELDEMPVPDSESVFIIPGVSLLWRIAPRPPNSAQMYNFTS
 FAMVLNEVDKDMESVIPKTDCLRPDIRAMENGEIDQASEEKKRLEEKQRAARKNR
 SKSEEDWKTRWFHQGPNPYNGAQDWIYSGSYWDRNYFNLPDIYTRTRPLEQKLIS
 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

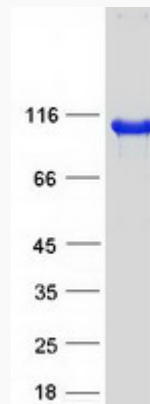
mRNA Refseq NM_080597

Protein Refseq NP_542164

MIM 606730

UniProt ID Q9BXW6

SDS-PAGE



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