

Recombinant Human OSBPL3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. OSBPL3-3225H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	OSBPL3 MS Standard C13 and N15-labeled recombinant protein (NP_663161) 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. The encoded protein is involved in the regulation of cell adhesion and organization of the actin cytoskeleton. Alternative splicing results in multiple transcript variants.
Molecular Mass	97.1 kDa
AA Sequence	MMSDEKNLGVSQKLVSPTSSTSSCSKQGSRQDSWEVVEGLRGEMNYTQEPPVQ KGFLKKRKWPLKGWHKRRFFYLDKGILKYAKSQTDIEREKLHGCIDVGLSVMSVKKS SKCIDLDTEEHYHLKVKSEEVFDEWVSKLRHHRMYRQNEIAMFPHEVNHFFSGSTI TDSSSGVFDSSSRKRSSISKQNLFQTGSNVSFSCGGETRVPLWLQSSSEDMKCSK DLAHCHAYLVEMSQLLQSMVDLHRTYSAPAINAIQGGSFESPKKEKRSHRRWRSRA IGKDAKGTQLQVPKPFSGPVRLLHSSNPNLSTLDFGEEKNYSDGSETSSSEFSKMQEDL CHIAHKVYFTLRSAFNIMSAEREKLKQLMEQDASSPSAQVIGLKNALSSENSERDEN

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RALVHQLSNESRLSITDSLSEFFDAQEVLLSPSSSENEISDDDSYVSDISDNLSLDNL
 SNDLDNERQTLGPVLDSGREAKSRRRTCLPAPCPSSSNISLWNILRNNIGKDLKVA
 MPVELNEPLNTLQRLCEELEYSELLDKAAQIPSPLERMVYVAAFAISAYASSYYRAGS
 KPFNPVLGETYECIREDKGFQFFSEQVSHHPPISACHAESRNFVFWQDVRWKNKF
 WGKSMEIVPIGTTHVTLPVFGDHFENKVTSCIHNILSGQRWIEHYGEIVIKNLHDDS
 CYCKVNFIAKYWSTNAHEIEGTVFDRSGKAVHRLFGKWHESIYCGGGSSSACVWR
 ANPMPKGYEQYYSFTQFALELNEMDPSSKSLPPTDTRFRPDQRFLEEGNLEEAEI
 QKQRIEQLQRERRRVLEENHVEHQPRFFRKSDDDSWVSNGTYLELRKDLGFSKLD
 HPVLWTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 OSBPL3 oxysterol binding protein-like 3 [Homo sapiens (human)]

Official Symbol OSBPL3

Synonyms OSBPL3; oxysterol binding protein-like 3; OSBP3; oxysterol-binding protein-related protein 3; KIAA0704; ORP 3; ORP3; OSBP-related protein 3; oxysterol-binding protein 3; ORP-3; MGC21526; DKFZp667P1518;

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Gene ID	26031
mRNA Refseq	NM_145321
Protein Refseq	NP_663161
MIM	606732
UniProt ID	Q9H4L5
SDS-PAGE	