

Recombinant Human OSBPL9 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. OSBPL9-4272H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	OSBPL9 MS Standard C13 and N15-labeled recombinant protein (NP_683706) 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. This family member functions as a cholesterol transfer protein that regulates Golgi structure and function. Multiple transcript variants, most of which encode distinct isoforms, have been identified. Related pseudogenes have been identified on chromosomes 3, 11 and 12.
Molecular Mass	81.6 kDa
AA Sequence	MASIMEGPLSKWTNVMKGWQYRWFVLDYNAGLLSYYTSKDKMMRGSRRGCVRLR GAVIGIDDEDDSTFTITVDQKTFHFQARDADEREKWIHALEETILRHTLQLQLGDSGF VPSVQDFDKKLTEADAYLQILIEQLKLFDDKLQNCKEDEQRKKIETLKETTNSMVESIK HCIVLLQIAKSTINPVDAIYQPSPLEPVISTMPSQTVLPPEPVQLCKSEQRPSLPLVGP VLATLGHHQTPTPNSTGSGHSPPSSSLTSPSHVNLSPNTVPEFSYSSSEDEFYDAD

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EFHQSGSSPKRLIDSSGSASVLTHSSSGNSLKRPDTTESLNSSLNNGTSDADLFDSH
DDRDDDAEAGSVEEHKSVIMHLLSQVRLGMDLTKVVLPTFILERRSLLEMYADFFAH
PDLFVSISDQKDPKDRMVQVVKWYLSAFHAGRKGSVAKKPYNPILGEIFQCHWTLP
NDTEENTELVSEGPVPWWSKNSVTFVAEQVSHHPPISAFYAECFNKKIQFNAHIWTK
SKFLGMSIGVHNIGQGCVSCLDYDEHYILTFPNGYGRSILTPWVELGGECNINCSK
TGYSANIIFHTKPFYGGKKHRITAEIFSPNDKKSFCSSIEGEWNGVMYAKYATGENTVF
VDTKKLPIIKKKVRKLEDQNEYESRSLWKDVTFNLKIRDIDAATEAKHRLEERQRAEA
RERKEKEIQWETRLFHEDGEWCWYDEPLLKRLGAAKHTRTRPLEQKLISEEDLAAND
ILDYKDDDDKV

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 OSBPL9 oxysterol binding protein-like 9 [Homo sapiens (human)]

Official Symbol OSBPL9

Synonyms OSBPL9; oxysterol binding protein-like 9; oxysterol-binding protein-related protein 9; OSBP-related protein 9; ORP9; ORP-9; FLJ12492; FLJ14629; FLJ14801; FLJ32055; FLJ34384; MGC15035;

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Gene ID	114883
mRNA Refseq	NM_148908
Protein Refseq	NP_683706
MIM	606737
UniProt ID	Q96SU4
SDS-PAGE	