

Recombinant Mouse Osbpl10 Protein, Myc/DDK-tagged

Cat. No. Osbpl10-4607M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length oxysterol binding protein-like 10 (Osbpl10), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Probable lipid transporter involved in lipid countertransport between the endoplasmic reticulum and the plasma membrane. Its ability to bind phosphatidylserine, suggests that it specifically exchanges phosphatidylserine with phosphatidylinositol 4-phosphate (PI4P), delivering phosphatidylserine to the plasma membrane in exchange for PI4P. Plays a role in negative regulation of lipid biosynthesis. Negatively regulates APOB secretion from hepatocytes. Binds cholesterol and acidic phospholipids. Also binds 25-hydroxycholesterol. Binds phosphatidylserine.
Molecular Mass	65.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Osbpl10 oxysterol binding protein-like 10 [Mus musculus (house mouse)]
Official Symbol	Osbpl10
Synonyms	OSBPL10; oxysterol binding protein-like 10; oxysterol-binding protein-related protein 10; OPR-10; 4933433D06Rik; C820004B04Rik
Gene ID	74486
mRNA Refseq	NM_148958
Protein Refseq	NP_683761
UniProt ID	S4R1M9

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