

## Recombinant Mouse Osbpl10 Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length oxysterol binding protein-like 10 (Osbpl10), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	65.8 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>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** [Osbp10 oxysterol binding protein-like 10 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Osbp10](#)

**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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