

## Recombinant Mouse Osbpl1a Protein, Myc/DDK-tagged

Cat. No. Osbpl1a-4608M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length oxysterol binding protein-like 1A (Osbpl1a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Binds phospholipids; exhibits strong binding to phosphatidic acid and weak binding to phosphatidylinositol 3-phosphate. Stabilizes GTP-bound RAB7A on late endosomes/lysosomes and alters functional properties of late endocytic compartments via its interaction with RAB7A. Binds 25-hydroxycholesterol and cholesterol.
<b>Molecular Mass</b>	108.2 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
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	Osbp1a oxysterol binding protein-like 1A [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Osbp1a
<b>Synonyms</b>	OSBPL1A; oxysterol binding protein-like 1A; oxysterol-binding protein-related protein 1; OSBP-related protein 1; Gm753; ORP-1; Osbp1b; G430090F17Rik
<b>Gene ID</b>	64291
<b>mRNA Refseq</b>	NM_207530
<b>Protein Refseq</b>	NP_997413
<b>UniProt ID</b>	Q91XL9

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