

Recombinant Mouse Osbpl1a Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length oxysterol binding protein-like 1A (Osbpl1a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	108.2 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

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

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