

Recombinant Mouse Osbpl2 Protein, Myc/DDK-tagged

Cat. No. Osbpl2-4609M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length oxysterol binding protein-like 2 (Osbpl2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Intracellular transport protein that binds sterols and phospholipids and mediates lipid transport between intracellular compartments. Increases plasma membrane cholesterol levels and decreases phosphatidylinositol-4,5-bisphosphate levels in the cell membrane. Binds phosphoinositides, such as phosphatidylinositol-4,5-bisphosphate. Exhibits strong binding to phosphatidic acid and weak binding to phosphatidylinositol 3-phosphate. Binds cholesterol, dehydroergosterol, 22(R)-hydroxycholesterol and 25-hydroxycholesterol (in vitro).
Molecular Mass	55.4 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 [Osbp12 oxysterol binding protein-like 2 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Osbp12](#)

Synonyms OSBPL2; oxysterol binding protein-like 2; oxysterol-binding protein-related protein 2; OSBP-related protein 2; oxysterol-binding protein-like 2; Orp2; ORP-2; mKIAA0772; C130070J12Rik; KIAA0772; MGC28451

Gene ID [228983](#)

mRNA Refseq [NM_144500](#)

Protein Refseq [NP_653083](#)

UniProt ID [Q8BX94](#)

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