

Product datasheet for TP509222

Osbp10 (NM_148958) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse oxysterol binding protein-like 10 (Osbp10), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209222 protein sequence Red =Cloning site Green =Tags(s)

MEMSSKTTPGSRSLTLLPHGTPSSASPCSRHLSTGAPGVSVTRHKSPAAARRAKSQYSGQLHEVRE
MMNQVEGQKQNLVHAIESLPGSGPLTALDQDLLLKATSAATLSCLGECLSLQSVRQAAPP SHKPGAS
ETILGWHGPTSHSTDQLKNGTLGSLPSASANITWAILPNSAEEHNSQPEPEPDSGPELVLSEEEQSDNE
DKGEVEPGAMEDQRSVILHLISQLKLGMDLTKVLLPTFILEKRSLLEMYADFM AHPDLLAITAGATPEE
RVISFVEYYLTAFHEGRKGTLAKKPYNPIIGETFHCSWEVPKDRVKSKWTSPPHPIAHEHPMADDP SKS
YKLRFAEQVSHHPPISCFYCECKEKR LCVNTHVWTKSKFMGMSVGVSMIGEGVLRLLDHGEEYVFTLPS
AYARSILVPPWVELGGKVNISCAKTGYSATVTFHTKPFYGGKVHRVTAEVKHNPTNTIVCKAHGEWNGTL
EFTYSNGETKVIDTTTTLPVYPKCLRPLEKQGPME SRNLWQEVTHYLRLGDIDAATEQKRRLEERQRVEER
KRETLRTPWRPKYFIPEGDGWVYFNPLWKTH

SGPTRTRPLE**QKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	65.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_683761](#)

Locus ID: 74486

UniProt ID: [S4R1M9](#), [A0A0R4J0F9](#)

RefSeq Size: 1872

Cytogenetics: 9 F3

RefSeq ORF: 1776

Synonyms: 4933433D06Rik; C820004B04Rik; OPR-10; ORP-10

Summary: 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.[UniProtKB/Swiss-Prot Function]