

## Product datasheet for TP507752

### Osbp12 (NM\_144500) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse oxysterol binding protein-like 2 (Osbp12), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207752 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MNGEEFFDAVTGFSDNSSTGEFSEANKISGMIDLDTSKSTRSGKNGEKPQQENGIQKHRTALPAPMFT  
RSDFSVWSILKCKIGLELSKITMPIAFNEPLSFLQRITEYMEHVYLIHKASSQSQPLERMQSVAFAVSA  
VASQWERTGKPFNPLLGETYELIREDLGFRFISEQVSHHPPISAFYSEGLNQDFRFHGSYIPKLFKFWGKS  
VEAEPRTITLELLKHNEAYTWTNPTCCVHNVILGQLWIEQYGIVEIVNHRTGDKCILHFKPCGLFGKEL  
HRVEGYIQDKNRKRLFIMYGKWTECLWGIDPASYESFKKQEKRGDQARKAKMDDGPEKANSVPGDVADD  
VPVAQETVQVIPGSKLLWRINSRPPNSAQMYNFTSFTVSLNELESGMEKTLPTDCRLRPDIRGMENGM  
DLASQEKERLEEKQREARKERAKEDA EWRTWRFSPGNPYTGAPDWLYAGHYFERNFSDCPDIY

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	55.4 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.
RefSeq:	<a href="#">NP_653083</a>
Locus ID:	228983



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UniProt ID:	<a href="#">Q8BX94</a>
RefSeq Size:	2745
Cytogenetics:	2 H4
RefSeq ORF:	1455
Synonyms:	C130070J12Rik; mKIAA0772; ORP-2; Orp2
Summary:	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). [UniProtKB/Swiss-Prot Function]