

Product datasheet for **TP520462**

Osbp1a (NM_207530) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse oxysterol binding protein-like 1A (Osbp1a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR220462 representing NM_207530 Red =Cloning site Green =Tags(s)

MNTEAEQQLLHHARNGNAAEEVRKLLAAMARMEVWADIDCKGRSKSNLGWTPHLACYFGHKQWVEDLLKA
GAKVNLNDMGDTPLHRAAFTGRKELVLLLLLEADSTVNVNGSGQTAKEATHDKEIRNMLEAVERTQQRK
LEELLGAAREGRTAEVSALLSRPNPPDVNCSDDLQNTPLHCAAYRAHKQCVLKLLRSGADPSLKNKNDQ
KPLDLAQAEMKHILVGNKVHVKALKRYEGLPWKSSRFFGWKLFVWVLEHGVLSWYRKQPDVAHNSYRQG
CKHLTQAVCTVKPTDSCFLSIRCFDDTVHCFRVPKNSVQQSREKWLEAIEEHSAYSTHYCSQDQVTDDEE
EDVVSAMDLESLARAQTCQQLDREIYNFLKMIKECDVAKDMLPSFLQKADIVSEASRETCVALNDCLN
LFTKQEGVRNFKLEQEKEKNILSEALETLATEHHELESLVEGSPVPSILSEEEFYDALSGSESEGLT
CLEAVTAHSFEENEVPGSSGKHRMSEGKDCGGGDALSNGIKKHRTSLPSPMFSRNDFSIWSILRKCIGME
LSKITMPVIFNEPLSFLQRLTEYMEHTYLIHKASSLSDPVERMQCVAFAVSAVASQWERTGKPFNPLLG
ETYELVRDDLGFRLISEQVSHHPPISAFHAEGLNNDFFIHGSIYPKLFKFWGKSVEAEPKGTITLELLDHN
EAYTWTNPTCCVHNIIVGKLWIEQYGNVEIINHKTGDKCVLNFKPCGLFGKELHKVEGYIQDKSKKKLCA
LYGKWTECLYSVDPATFDAYKKNDKKNTEEKKNSKQTSSEESDEMPVDPSESVFIIIPGSVLLWRIAPRP
PNSAQMYNFTSFAMVLNEVDKEMESVIPKTDCLRPDIRAMENGEIDLASEEKKRLEEKQRAARKNRSKS
EEDWKTRWFHQGPNPYSGAQDWIYSGSYWDRNYFNLPDIY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	108.2 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



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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:	NP_997413
Locus ID:	64291
UniProt ID:	Q91XL9
RefSeq Size:	3121
Cytogenetics:	18 A1
RefSeq ORF:	2850
Synonyms:	G430090F17Rik; Gm753; ORP-1; Osbpl1b
Summary:	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.[UniProtKB/Swiss-Prot Function]