

Product datasheet for TP511031

Osbp15 (BC079872) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse oxysterol binding protein-like 5 (cDNA clone MGC:100260 IMAGE:6832073), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211031 protein sequence Red =Cloning site Green =Tags(s)

MKEEAFRRRFLCPPASTPQKTDPRKVPRNLLGCENELGPITPGRDMESNGPSQPRDEEPQTPGSATK
VPLAEYRLCNGSDEKTSPTTRVSKKDALKAQKENYRQEKKRATKQLFSALTDPSVIMADSLKIRGTLK
SWTKLWCVLKPVGVLIIYKTPKVGQWVGTVLLHCCELIERPSKKDGFCKLFHPLDQSVWAVKGPKGESVG
SITQPLPSSYLIFRAASESDGRCWLDALALRCSLLRLSTCKQGRDGEQGSSPDASPSLYGLPTSAT
IPDQDLFPLNGSALENDAFSDKSERENAEDSDAETQDHSRKTNESGSDLLDSPGGPWRGTTYVEVQVEEL
GELDETSQVETVSEENKSLMWVLLRQLRPGMDLSRVVLPFVLEPRSFGLKLSDDYHHGDLLSRAAEDD
PYCRMKLVLRWYLSGFYKPKGKPKYPNPILGETFRRCRWLHPQTNSHTFYIAEQVSHPPVSAFVSNRK
DGFCMSGSITAKSKFYGNLSALLDGGKAKLTLNRKEEYLTMPYAHCRGILYGTMTMELGGKVNIECEK
NNLQAELDFKLKPPFGSSANINQISGKIMSGEEVLARLTGHWDRDVFKEESSGGTELFWTPSEEVRRQR
LKRHTVLLLEEQSELESERLWQHVTIRAIREGDQHKATQEKSVLEEAQRQRAREHQQLTPWKPQLFLDPL
TQEWRYRYEDLSPWDPLKDIAQYEQDGLHTLQRETMSGQTTFLLGSPDSRHKRPSSDRRLRKASDQPSGH
SQVTESSGSTPESCPDLSDEDFVPGGESPCPRCRREVHRLKMLQEAVLSIQEAQQLHRHLSTMLSSTVR
AGQAPAPSLQNPNSWFLLCIFLTCQLFINIYIK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	98.9 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.
Locus ID:	79196
UniProt ID:	Q9ER64
RefSeq Size:	3834
Cytogenetics:	7 88.29 cM
RefSeq ORF:	2622
Synonyms:	ORP5, Osbp2, Obph1
Summary:	Lipid transporter involved in lipid countertransport between the endoplasmic reticulum and the plasma membrane: specifically exchanges phosphatidylserine with phosphatidylinositol 4-phosphate (PI4P), delivering phosphatidylserine to the plasma membrane in exchange for PI4P, which is degraded by the SAC1/SACM1L phosphatase in the endoplasmic reticulum. Binds phosphatidylserine and PI4P in a mutually exclusive manner. May cooperate with NPC1 to mediate the exit of cholesterol from endosomes/lysosomes. Binds 25-hydroxycholesterol and cholesterol.[UniProtKB/Swiss-Prot Function]