

Product datasheet for TP502237

Mpzl1 (NM_001001880) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse myelin protein zero-like 1 (Mpzl1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202237 protein sequence Red=Cloning site Green=Tags(s)
	MAEAVGAVALIAAPARRRWLWSVLAAMLGLLTARISALEVHTPKEIFVNGTQGKLTCTF DSPNTTGWLT TVSWSFQPDGTD SAVSFFHY SQGQVYIGDYPPFKDRVTWAGDLDDK DASINIENIQAVHNGTYICDVKNP PDIVVRPGHIRLHVVEIDNLLVFLVWVWVGTAVVLGLTLLISLVLVLYRRKHSKRDTGAQSFTHS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	23 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:	NP_001001880
Locus ID:	68481
UniProt ID:	Q3TEW6 , A0A0R4J0V2
RefSeq Size:	2250
Cytogenetics:	1 H2.3



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RefSeq ORF: 630

Synonyms: 1110007A10Rik; PZR

Summary: Cell surface receptor, which is involved in signal transduction processes. Recruits PTPN11/SHP-2 to the cell membrane and is a putative substrate of PTPN11/SHP-2. Is a major receptor for concanavalin-A (ConA) and is involved in cellular signaling induced by ConA, which probably includes Src family tyrosine-protein kinases. Isoform 2 seems to have a dominant negative role; it blocks tyrosine phosphorylation of MPZL1 induced by ConA. Isoform 1, but not isoform 2, may be involved in regulation of integrin-mediated cell motility (By similarity).
[UniProtKB/Swiss-Prot Function]