

Recombinant Mouse Mpzl1 Protein, Myc/DDK-tagged

Cat. No. Mpzl1-4132M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length myelin protein zero-like 1 (Mpzl1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	23 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Mpzl1 myelin protein zero-like 1 [Mus musculus (house mouse)]

Official Symbol Mpzl1

Synonyms MPZL1; myelin protein zero-like 1; myelin protein zero-like protein 1; protein zero-related; PZR; 1110007A10Rik

Gene ID 68481

mRNA Refseq NM_001001880

Protein Refseq NP_001001880

UniProt ID Q3TEW6

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