

## Product datasheet for **TP727204**

### MPZL (MPZL1) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Myelin Protein P0-like 1/MPZL1 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ser36-Val162
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	Recombinant Human Myelin Protein P0-like 1 is produced by our Mammalian expression system and the target gene encoding Ser36-Val162 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	9019
UniProt ID:	<a href="#">O95297</a>
Synonyms:	Myelin protein zero-like 1; isoform CRA_b;cDNA FLJ78597; highly similar to Homo sapiens myelin protein zero-like 1 (MPZL1); transcript variant 1; mRNA ;cDNA; FLJ96614; Homo sapiens myelin protein zero-like 1 (MPZL1); Mrna
Summary:	Myelin protein zero-like protein 1(MPZL1) is encoded by the MPZL1 gene, which is a single-pass type I membrane protein. It is widely expressed with highest levels in heart, placenta, kidney and pancreas. As cell surface receptor, it involved in signal transduction processes. MPZL1 recruits PTPN11/SHP-2 to the cell membrane and subsequently activate/phosphorylate Src kinase at Tyr426, promoting phosphorylation of cortactin and migration of HCC cells. MPZL1also is a major receptor for concanavalin-A (ConA) and involved in cellular signaling induced by ConA, which probably includes Src family tyrosine-protein kinases.
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cell adhesion molecules (CAMs)



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