

Product Name: Recombinant Human MPZL1 (C-6His)
Catalog #: PHH1185

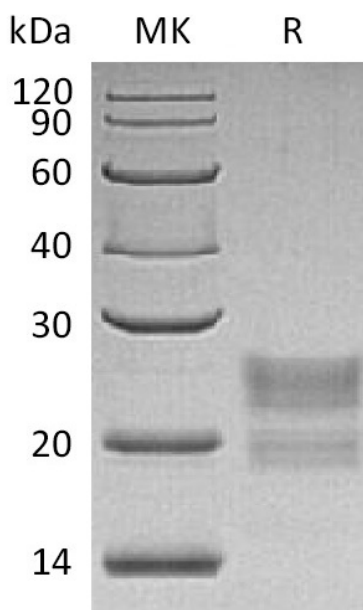


Summary

Name	Myelin protein zero-like 1/MPZL1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	O95297
Host	Human Cells
Species	Human
Predicted Molecular Mass	15.2 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

Product Name: Recombinant Human MPZL1 (C-6His)
Catalog #: PHH1185



Alternative Names

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

Background

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. MPZL1 also is a major receptor for concanavalin-A (ConA) and involved in cellular signaling induced by ConA, which probably includes Src family tyrosine-protein kinases.

Note

For Research Use Only , Not for Diagnostic Use.