

32-8465: Recombinant Human Myelin Protein P0-like 1/MPZL1 (C-6His)

Gene : MPZL1

Gene ID : 9019

Uniprot ID : O95297

Description

Source: Human Cells.

MW :15.2kD.

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. 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.

Product Info

Amount : 10 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

Storage condition : 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.

Amino Acid : SALEVYTPKEIFVANGTQGKLTCKFKSTSTTGGLTSVSWSFQPEGADTTVSFFHYSQGQVYLGNYYPFKDRISWAGDLDDKDDASINIENMQFIHNGTYICDVKNPPDIVVQPGHIRLYVVEKENLPVVDHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/Âµg (1 IEU/Âµg) as determined by LAL test.