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Datasheet for ABIN7318794 MPZL1 Protein (His tag)

Overview

Quantity:	50 µg
Target:	MPZL1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MPZL1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human MPZL1 Protein (His Tag)
Sequence:	Ser36-Val162
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	MPZL1
Alternative Name:	MPZL1 (MPZL1 Products)
Background:	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,

Target Details

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.

Synonym: 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

Molecular Weight:	15.2 kDa
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UniProt:	O95297
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
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Storage:	4 °C, -20 °C, -80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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