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MPZL1, 38-162aa, Human, His tag, E.coli

产品货号: TP03014

第三版

别名: Myelin protein zero-like protein 1 isoform b, MPZL1b, PZR, PZR1b, PZRa, PZRb

描述: MPZL1 is a cell surface receptor, which is involved in signal transduction processes. This protein recruits PTPN11/SHP-2 to the cell membrane and is a putative substrate of PTPN11/SHP-2. It 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 3 seems to have a dominant negative role; it blocks tyrosine phosphorylation of MPZL1 induced by ConA. Isoform 1, but not isoform 2 and isoform 3, may be involved in regulation of integrin-mediated cell motility. Recombinant human MPZL1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

分子量: 16.1 kDa (148aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSLEVYTPKEIFVANGTQGKLTCKFKSTSTTGGLTSVSWSFQPEGADTTVSFFHYSQGG
VYLGNYPPFKDRISWAGDLDDKSDASINIENMQFIHNGTYICDVKNPPDIVVQPGHIRLYVVEKENLPV

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.