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MARCKSL1, 1-195aa, Human, His tag, E.coli

产品货号: TP02913

第三版

别名: MARCKS-related protein, F52, MACMARCKS, MLP, MLP1, MRP

描述: MARCKS-related protein, also known as MARCKSL1, is a member of MARCKS family of PKC substrate. It is widely used in the signal transduction studies as an indicator of PKC activation. Expressed in a variety of tissues with highest levels found in testis and uterus, MARCKSL1 participates in the coordination of membrane-cytoskeletal signaling events, including secretion, migration, phagocytosis and cell adhesion. Additionally, MARCKSL1 functions as a regulator of Integrin activation and is thought to regulate Integrin-dependent signal transduction pathways, especially those involved in macrophage spreading. Recombinant human MARCKSL1 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 0.1M NaCl, 20% glycerol

分子量: 21.9kDa (218aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

序列:

MGSSHHHHHSSGLVPRGSHMGSMGSQSSKAPRGDVTAEAAAGASPAKANGQENGHVKSNGDLSPKGEGESPPVNGT
DEAAGATGDAIEPAPPSQGAEAKGEVPPKETPKKKKFSFKKPKLSGLSFKRNRKEGGDSSASSPTEEEQEQGEIGACSDE
GTAQEGKAAATPESQEPQAKGAEASAASEEEAGPQATEPSTPSGPESGPTPASAEQNE

纯度: > 95% by HPLC

浓度: 0.25 mg/ml (determined by BCA 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.