

## 32-4176: Recombinant Human MARCKS-Like 1

**Alternative Name :** F52,MACMARCKS,MLP,MLP1,MRP,MARCKS-related protein,MARCKS-like protein 1,Macrophage myristoylated alanine-rich C kinase substrate,MARCKSL1.

### Description

Source : E.coli. MARCKSL1 Human Recombinant produced in E. coli is a single polypeptide chain containing 218 amino acids (1-195) and having a molecular mass of 21.9kDa. MARCKSL1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. MARCKS-related protein (MARCKSL1) which is a part of MARCKS family of PKC substrate is broadly used in the signal transduction studies as an indicator of PKC activation. MARCKSL1 plays a part in the coordination of membrane-cytoskeletal signaling events, including secretion, migration, phagocytosis and cell adhesion and is expressed in a variety of tissues with highest levels found in testis and uterus. Furthermore, MARCKSL1 serves as a regulator of Integrin activation and is thought to regulate Integrin-dependent signal transduction pathways, particularly those involved in macrophage spreading.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** The MARCKSL1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 20% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SGLVPRGSH MGSMGSQSSK APRGDVTAEE AAGASPAKAN GQENGHVKSN  
GDLSPKGEGE SPPVNGTDEA AGATGDAIEP APPSQGAEAK GEVPPKETPK KKKKFSFKKP  
FKLSGLSFKR NRKEGGGDSS ASSPTEEEQE QGEIGACSDE GTAQEGKAAA TPESQEPQAK  
GAEASAASEE EAGPQATEPS TPSGPESGPT PASAEQNE.

