9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

MARCKSL1 Human

MARCKS-Like 1 Human Recombinant
RCP1326

Product Overview

Name	MARCKSL1 Human
Description	
MARCKS-Like 1 Human Recombinant	
Accession (Primary)	P49006
Synonyms	
F52, MACMARCKS, MLP, MLP1, MRP, MARCKS-related protein, MARCKS-like protein 1, Macrophage myristoylated alanine-rich C kinase substrate, MARCKSL1.	
Introduction	
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.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The MARCKSL1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 20% glycerol.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MGSQSSK APRGDVTAEE AAGASPAKAN GQENGHVKSN GDLSPKGEGE SPPVNGTDEA AGATGDAIEP APPSQGAEAK GEVPPKETPK KKKKFSFKKP FKLSGLSFKR NRKEGGGDSS	

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ASSPTEEEQE QGEIGACSDE GTAQEGKAAA TPESQEPQAK GAEASAASEE EAGPQATEPS TPSGPESGPT PASAEQNE.

Precautions

MARCKSL1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P49006)