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Datasheet for ABIN6387162

MARCKSL1 Protein (AA 1-195) (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	MARCKSL1
Protein Characteristics:	AA 1-195
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MARCKSL1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MGSMGSQSSK APRGDVTAAE AAGASPAKAN GQENGHVKSN GDLSPKGEGE SPPVNGTDEA AGATGDAIEP APPSQGAEAK GEVPPKETPK KKKKFSFKKP FKLSGLSFKR NRKEGGDSS ASSPTEEEQE QGEIGACSDE GTAQEGKAAA TPESQEPQAK GAEASAASEE EAGPQATEPS TSPGPESGPT PASAEQNE
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	MARCKSL1
Alternative Name:	MARCKSL1 (MARCKSL1 Products)
Background:	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.

Target Details

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.

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

NCBI Accession: [NP_075385](#)

UniProt: [P49006](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

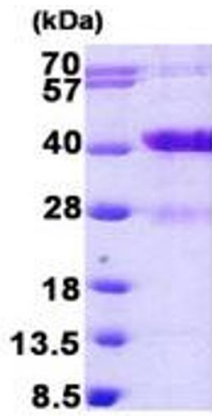
Format: Liquid

Concentration: 0.25 mg/mL

Buffer: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20 % glycerol

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.