

## Recombinant Human MARCKSL1 Protein, His&GST-tagged

**Cat. No.** MARCKSL1-1764H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MARCKSL1 Protein (His33-Ala189) with N-His&GST tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	His33-Ala189
<b>Description</b>	This gene encodes a member of the myristoylated alanine-rich C-kinase substrate (MARCKS) family. Members of this family play a role in cytoskeletal regulation, protein kinase C signaling and calmodulin signaling. The encoded protein affects the formation of adherens junction. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene are located on the long arm of chromosomes 6 and 10.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 45.8 kDa Accurate Molecular Mass: 45.8 kDa
<b>Purity</b>	> 95%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

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<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	MARCKSL1 MARCKS-like 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	MARCKSL1
<b>Synonyms</b>	MARCKSL1; MARCKS-like 1; MARCKS like protein, MLP; MARCKS-related protein; F52; MacMARCKS; MLP1; mac-MARCKS; MARCKS-like protein 1; macrophage myristoylated alanine-rich C kinase substrate; MLP; MRP; MACMARCKS;
<b>Gene ID</b>	65108
<b>mRNA Refseq</b>	NM_023009
<b>Protein Refseq</b>	NP_075385
<b>MIM</b>	602940

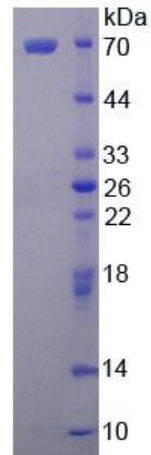
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UniProt ID

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15% SDS-PAGE

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