Recombinant Myristoylated Alanine Rich Protein Kinase C Substrate (MARCKS) Instruction Manual

SIPH260Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1μg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	45.1kDa
Accurate Molecular Mass	40kDa(Analysis of differences refer to the manual)
Residues & Tags	Gly2~Glu332 with Two N-terminal Tags, His-tag and SUMO-tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	4.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

GAQFSKTAA KGEAAAERPG EAAVASSPSK ANGQENGHVK VNGDASPAAA
ESGAKEELQA NGSAPAADKE EPAAAGSGAA SPSAAEKGEP AAAAAPEAGA
SPVEKEAPAE GEAAEPGSPT AAEGEAASAA SSTSSPKAED GATPSPSNET
PKKKKKRFSF KKSFKLSGFS FKKNKKEAGE GGEAEAPAAE GGKDEAAGGA
AAAAAEAGAA SGEQAAAPGE EAAAGEEGAA GGDPQEAKPQ EAAVAPEKPP
ASDETKAAEE PSKVEEKKAE EAGASAAACE APSAAGPGAP PEQEAAPAEE
PAAAAASSAC AAPSQEAQPE CSPEAPPAEA AE

USAGE

Reconstitute in ddH_2O to a concentration of 0.1-0.2 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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°C 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.

Image

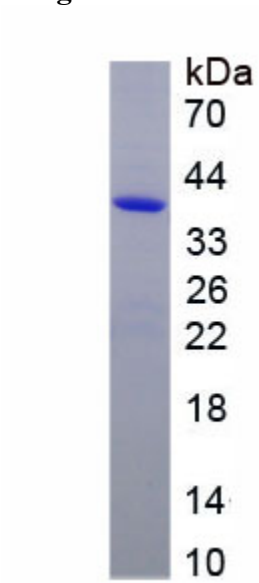

Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.