

Native Bovine MARCKS protein

Cat. No. MARCKS-12B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Bovine MARCKS protein was purified from Bovine brain.
Species	Bovine
Source	Bovine brain
Description	Protein kinase C isotypes (including PKCε) phosphorylate serines 8, 12 and 19 of this peptide. It is a very weak substrate for cAMP- and cGMP-dependent protein kinase and CaM kinases I, II and III.
Form	Lyophilized. White to off-white powder.
Molecular Mass	3081.8 Dalton
AA Sequence	H-Lys-Lys-Lys-Lys-Lys-Arg-Phe-Ser-Phe-Lys-Lys-Ser-Phe-Lys-Leu-Ser-Gly-Phe-S e r-Phe-Lys-Lys-Asn-Lys-Lys-OH
Purity	≥98%
Storage	Long Term Storage: -20 centigrade
Reconstitution	Soluble in water.

GENE INFORMATION

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Gene Name	MARCKS myristoylated alanine-rich protein kinase C substrate [Bos taurus]
Official Symbol	MARCKS
Synonyms	myristoylated alanine-rich C-kinase substrate; ACAMP-81
Gene ID	613548
mRNA Refseq	NM_001076276
Protein Refseq	NP_001069744
MIM	
UniProt ID	P12624
Chromosome Location	chromosome: 9
Pathway	Acetylcholine regulates insulin secretion, organism-specific biosystem; Fc gamma R-mediated phagocytosis, organism-specific biosystem; Metabolism, organism-specific biosystem
Function	actin binding; calmodulin binding

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