

Recombinant Human Src-Related Kinase Lacking C-terminal Regulatory Tyrosine And N-terminal Myristylation Sites, GST-tagged

Cat. No. SRMS-1101H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SRMS (215-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
ProteinLength	215-end a.a.
Description	SRMS is a Src-related kinase lacking C-terminal regulatory tyrosine and N-terminal myristylation sites that is involved in proliferation or differentiation of keratinocytes in the skin. SRMS functions as a rapid downstream signaling intermediate following calcium-induced differentiation in keratinocytes. SRMS constitutes a new family of non-receptor tyrosine kinases that may be redundant in function. SRMS can act either in the membrane or at the nucleus, and may change localization patterns depending on external stimuli.
Applications	Kinase Assay; Western Blot
Molecular Weight	54 kDa
Expression System	Sf9 insect cells using baculovirus

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Form	Recombinant protein stored in 50mM sodium phosphate, pH 7.0, 300mM NaCl, 150 mM imidazole, 0.1 mM PMSF, 0.25 mM DTT, 25% glycerol.
Specific Activity	24 nmol/min/mg
Purity	> 95 %
Concentration	0.1 ug/ul
Sequences	215-end
Storage	Store product at -70oC. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

GENE INFORMATION

Gene Name	SRMS src-related kinase lacking C-terminal regulatory tyrosine and N-terminal myristylation sites [Homo sapiens]
Official Symbol	SRMS
Synonyms	SRMS; src-related kinase lacking C-terminal regulatory tyrosine and N-terminal myristylation sites; SRM; C20orf148; dJ697K14.1; tyrosine-protein kinase Srms; EC 2.7.10.2; chromosome 20 open reading frame 148
Gene ID	6725
mRNA Refseq	NM_080823
Protein Refseq	NP_543013

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UniProt ID	Q9H3Y6
Chromosome Location	20
Function	ATP binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein binding; transferase activity

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