

Active Recombinant Human SRMS, GST-tagged

Cat. No. SRMS-1485H **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 aa-end
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.
Form	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Bio-activity	24 nmol/min/mg
Molecular Mass	~54 kDa
Purity	>95%

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Applications	Kinase Assay, Western Blot
Storage	Store at –70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. Avoid freeze/thaw cycles.
Concentration	0.1µg/µl
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; C20orf148, chromosome 20 open reading frame 148; tyrosine-protein kinase Srms; dJ697K14.1; SRM; C20orf148;
Gene ID	6725
mRNA Refseq	NM_080823
Protein Refseq	NP_543013
UniProt ID	Q9H3Y6
Chromosome Location	20q13.33
Pathway	Focal Adhesion, organism-specific biosystem;

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Function

ATP binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding;

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