

Recombinant Human SFRS Protein Kinase 3, GST-tagged, Active

Cat. No. SRPK3-360H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human MSSK1 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. MW = 98 kDa.
Species	Human
Source	Sf9 Cells
Description	MSSK1, also known as SRPK3, is a muscle-specific protein kinase belonging to the serine arginine protein kinase family which phosphorylates serine/arginine repeat-containing proteins. Heart and skeletal muscle show high expression of the MSSK1/SRPK3 gene product. SRPK3-null mice display a new entity of type 2 fiber-specific myopathy with a marked increase in centrally placed nuclei. Transgenic mice overexpressing SRPK3 in skeletal muscle show severe myofiber degeneration and early lethality.
Sequence	Full-length.
Applications	Kinase Assay, Western Blot.
Storage And Stability	Store product at -70°C. 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	SRPK3 SFRS protein kinase 3 [Homo sapiens]
Synonyms	SRPK3; SFRS protein kinase 3; MSK1; STK23; MGC102944; serine arginine rich protein-specific kinase 3; serine arginine rich protein-specific kinase 3; serine/threonine kinase 23; muscle-specific serine kinase 1; EC 2.7.11.1; Serine/threonine-protein kinase 23; Serine/threonine-protein kinase SRPK3; MSK-1
Gene ID	26576
mRNA Refseq	NM_014370
Protein Refseq	NP_055185
UniProt ID	Q9UPE1
Chromosome Location	Xq28
Function	ATP binding; nucleotide binding; protein serine/threonine kinase activity; transferase activity