

MSSK1 recombinant protein

MSSK1, Active

CATALOG # AAA73969	HOST Sf9 insect cells	APPLICATIONS Western Blot
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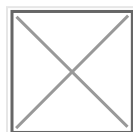
PRODUCT SYNONYMS

MSSK1; Active; STK23; SRPK3; MGC102944; MSSK1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Applicable Applications for MSSK1 recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree 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.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for MSSK1 recombinant protein	Recombinant full-length human MSSK1 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is BC117124. 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 (1).
Product Categories/Family for MSSK1 recombinant protein	Protein Kinases ; Cardiovascular Disease ; Ser/Thr Kinases
References	1. Nakagawa, O. et al: Centronuclear myopathy in mice lacking a novel muscle-specific protein kinase transcriptionally regulated by MEF2. Genes Dev. 2005 Sep 1;19(17):2066-77.

NCBI AND UNIPROT INFORMATION

NCBI GI #	109658465
NCBI GeneID	26576
Molecular Weight	61,886 Da
NCBI Official Full Name	Homo sapiens SFRS protein kinase 3, mRNA
NCBI Official Synonym Full Names	SRSF protein kinase 3
NCBI Official Symbol	SRPK3
NCBI Official Synonym Symbols	MSSK1; STK23; MSSK-1
NCBI Protein Information	SRSF protein kinase 3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mssk1-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73969>