

Recombinant Mouse SrpK3 Protein, Myc/DDK-tagged

Cat. No. SrpK3-6132M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length serine/arginine-rich protein specific kinase 3 (SrpK3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Serine/arginine-rich protein-specific kinase which specifically phosphorylates its substrates at serine residues located in regions rich in arginine/serine dipeptides, known as RS domains. Phosphorylates the SR splicing factor SRSF1 and the lamin-B receptor (LBR) in vitro. Required for normal muscle development.
Molecular Mass	62.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Srpk3 serine/arginine-rich protein specific kinase 3 [Mus musculus (house mouse)]
Official Symbol	Srpk3
Synonyms	SRPK3; serine/arginine-rich protein specific kinase 3; SRSF protein kinase 3; MSK-1; SR-protein-specific kinase 3; muscle-specific serine kinase 1; serine/threonine-protein kinase 23; serine/threonine-protein kinase SRPK3; serine/arginine-rich protein-specific kinase 3; serine/threonine kinase 23, muscle-specific serine kinase 170; Msk1; Stk23
Gene ID	56504
mRNA Refseq	NM_019684
Protein Refseq	NP_062658
UniProt ID	Q9Z0G2

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