

## Product datasheet for TP520564

### Srpk3 (NM\_019684) Mouse Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse serine/arginine-rich protein specific kinase 3 (Srpk3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
<b>Species:</b>	Mouse
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>MR220564 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSANAGGSGSVDCGGSSSSQTSCGPESGSELTPATPAPRLLQGLLGSDDEEQEDPKDYCKGGYYPVKI  
GDLFNGRYHVVRKLGWGHFSTVWLCWDIQRKRFFALKVVKVKSAGHYTETAVDEIKLLKCVRSDSPDPKRE  
TIVQLIDDFRISGVNGVHVCMLVLEVLGHQLLKWIKSNYQGLPVPVCVKSIVRQVLHGLDYLHTKCKIIHT  
DIKPENILLCVGDAYIRRLAAEATEWQQSGAQPPSRSTVSTAPQEVLIGLKSKNKRKKMRRKRKQQKRLL  
EERLRDLQRLEAMEAAVQAEDSSSRLERGSSTSSSGCHPEGTRAGPSPASSPVPVGGERSLSPSSQTS  
FSGSLFSTASCSILSGSSNQRETGLLSPSTPFGASNLLVNPLEPQNADKIKIKIADLGNACWVHKHFTE  
DIQTRQYRAVEVLIGAEYGPADIWSTACMAFELATGDYLFEPHSGEDYSRDEDHIAHIVELLGDIPPAF  
ALSGRYSREFFNRRGELRHIPNLKHVGLYEVLMKEYEWPLEQATQFSAFLLPMEYIPEKRASAADCLQH  
PWLNP

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

<b>Tag:</b>	C-MYC/DDK
<b>Predicted MW:</b>	62.4 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	<a href="#">NP_062658</a>
Locus ID:	56504
UniProt ID:	<a href="#">Q9Z0G2</a> , <a href="#">Q0VAW8</a>
RefSeq Size:	1983
Cytogenetics:	X A7.3
RefSeq ORF:	1698
Synonyms:	Mssk1; Stk23
Summary:	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.[UniProtKB/Swiss-Prot Function]