

## 32-7714: Recombinant Human SRSF Protein Kinase 2/SRPK2/SFRSK2 (C-6His)(Discontinued)

**Gene :** SRPK2  
**Gene ID :** 6733  
**Uniprot ID :** P78362

### Description

Source: Human Cells.  
MW :78.5kD.

Recombinant Human SRSF Protein Kinase 2 is produced by our Mammalian expression system and the target gene encoding Met1-Ser688 is expressed with a 6His tag at the C-terminus. SRSF Protein Kinase 2 (SRPK2) belongs to the protein kinase superfamily and CMGC Ser/Thr protein kinase family. Serine/arginine-rich protein-specific kinase that specifically phosphorylates its substrates at serine residues located in regions rich in arginine/serine dipeptides, known as RS domains and is involved in the phosphorylation of SR splicing factors and the regulation of splicing. SFRSK2 can be cleaved into SRSF protein kinase 2 N-terminal and SRSF protein kinase 2 C-terminal chains and contains one protein kinase domain. SFRSK2 can mediate hepatitis B virus (HBV) core protein phosphorylation. SFRSK2 plays a negative role in the regulation of HBV replication through a mechanism not involving the phosphorylation of the core protein.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** MSVNSEKSSSSERPEPQQKAPLVPPPPPPPPPPPLPDPTPEPEEEILGSDDEEQEDPADYCKGGYHPVKIGD  
LFNGRYHVIRKLGWGHFSTVWLCWDMQGKRFVAMKVKSQAQHYTETALDEIKLLKCVRESRSDPNKDMVV  
QLIDDFKISGMNGIHVCMVFVGLGHHLLKWIISNYQGLPVRCVKSIIHQVLQGLDYLHCKCKIIHTDIKPENILMC  
VDDAYVRRMAAEATEWQKAGAPPPSGSAVSTAPQKPIGKISKNNKKKKLKKQKRQAELLEKRLQEIEELEREA  
ERKIIIEENITSAAPSNDQDGEYCPEVKLKTGEEAAEAETAKDNGEAEDQEEKEDAENIEKDEDDVDQELA  
NIDPTWIESPKTNGHIENGPFSLQQLDDEDDDEEDCPNPEEYNLDEPNASDYTYSSSYEQFNGELPNGRHKI  
PESQFPEFSTSLFSGSLEPVACGSVLSEGSPLTEQEESPSHRSRTVSASSTGDLPAKTRAADLLVNPLDPRN  
ADKIRVKIADLGNACWVHKHFTEDIQTRQYRSIEVLIGAGYSTPADIWSTACMAFELATGDYLFEPHSGEDYSRD  
EDHIAHIIELLSIPRHFALSGKYSREFFNRRGELRHITKLKPWGLFDVLVEKYGWPHEAQAFTDFLIPMLEMVP  
EKRASAGECLRHPWLNSVDHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.