

## Recombinant Human SRPK2 (N-GST tag)

Cat No:HR2R1967

For research use only

### Overview

|                    |  |
|--------------------|--|
| Quantity           | 10 ?g  |
| Gene Symbol        | SRPK2  |
| Gene ID            | N/A  |
| Accession          | NM_182691  |
| Alternative Name   | SFRSK2, FLJ36101   |
| Species            | Human  |
| Source             | Insect cells   |
| Description        | ?SRPK2 is a member of the serine/arginine (SR) protein-specific kinase family that are cell cycle-regulated protein kinases which phosphorylate SR domain-containing proteins in nuclear speckles and mediate the pre-mRNA splicing events . SRPK2 knock down results in hypophosphorylation of the serine/arginine domain-containing human PRP28 protein thereby destabilizing PRP28 association with the tri-snRNP. RNAi-mediated depletion in HeLa cells showed that SRPK2 is essential for cell viability, and it is required for spliceosomal B complex formation . |
| Functions          | The specific activity of SRPK2 was determined to be 155 nmol /min/mg as per activity assay protocol  |
| Formulation        | 50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.   |
| Solubility         | N/A  |
| Appearance         | Liquid   |
| Molecular Weight   | 135  |
| Purity             | 70% - 90%  |
| Concentration      |  |
| Shipping Condition | Dry Ice  |
| Storage Condition  | 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.  |