

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 | |
| 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-HCI, pH 7.5, 150mM NaCI, 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. |