

Bioactive

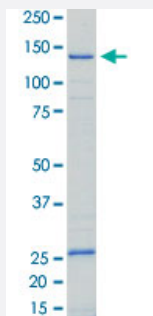
Full-Length

SRPK1 (Human) Recombinant Protein

Catalog # P5770

Size 5 ug

Applications



Result of activity analysis

Result of activity analysis

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Specification

Product Description	Human SRPK1 (CAI20544.1, 1 a.a. - 654 a.a.) full length recombinant protein with GST tag expressed in <i>Escherichia coli</i> .
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	100
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Glutathione sepharose chromatography
Purity	39 % by SDS-PAGE/CBB staining

Activity	The activity was determined by IMAP™ assay. The enzyme was incubated with fluorescein labeled peptide and phosphorylation was detected by IMAP™ technology (fluorescence polarization). Substrate : SRPKtide. ATP: 100 µM.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.05% Brij35, 1 mM DTT, 10% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — SRPK1

Entrez GeneID	6732
Protein Accession#	CAI20544.1
Gene Name	SRPK1
Gene Alias	SFRSK1
Gene Description	SFRS protein kinase 1
Omim ID	601939
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a serine/arginine protein kinase specific for the SR (serine/arginine-rich domain) family of splicing factors. The protein localizes to the nucleus and the cytoplasm. It is thought to play a role in regulation of both constitutive and alternative splicing by regulating intracellular localization of splicing factors. A second alternatively spliced transcript variant for this gene has been described, but its full length nature has not been determined. [provided by RefSeq]
Other Designations	SR protein kinase 1

Disease

- [Tobacco Use Disorder](#)