

Bioactive

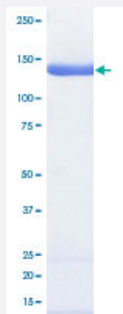
Full-Length

SRPK2 (Human) Recombinant Protein

Catalog # P5802

Size 5 ug

Applications



Result of activity analysis

Result of activity analysis

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Specification

Product Description	Human SRPK2 (NP_872633.1, 1 a.a. - 688 a.a.) full-length recombinant protein with GST tag expressed in Baculovirus infected Sf21 cells.
Host	insect
Theoretical MW (kDa)	105
Form	Liquid
Preparation Method	Baculovirus infected insect cell (Sf21) expression system
Purification	Glutathione sepharose chromatography
Purity	88 % by SDS-PAGE/CBB staining

Activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip3000. Substrate : DYRKtide. ATP: 100 μ M.
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 — SRPK2

Entrez GeneID	6733
Protein Accession#	NP_872633.1
Gene Name	SRPK2
Gene Alias	FLJ36101, SFRSK2
Gene Description	SFRS protein kinase 2
Omim ID	602980
Gene Ontology	Hyperlink
Other Designations	H_RG152G17.1a H_RG152G17.1b WUGSC:H_RG152G17.1a serine kinase SRPK2

Disease

- [Tobacco Use Disorder](#)