

Recombinant Mouse Srek1 Protein, His&GST-tagged

Cat. No. Srek1-2102M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Srek1 Protein (Met1-Arg251) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Arg251
Description	Predicted to enable RNA binding activity. Predicted to act upstream of or within RNA splicing and mRNA processing. Predicted to be located in nuclear speck. Predicted to be part of spliceosomal complex. Predicted to be active in nucleoplasm. Is expressed in central nervous system and sensory organ. Orthologous to human SREK1 (splicing regulatory glutamic acid and lysine rich protein 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 57.7 kDa Accurate Molecular Mass: 58 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

[Srek1 splicing regulatory glutamine/lysine-rich protein 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Srek1](#)

Synonyms

SREK1; splicing regulatory glutamine/lysine-rich protein 1; serine/arginine-rich splicing factor 12; splicing factor, arginine/serine-rich 12; serine/arginine-rich-splicing regulatory protein 86; SRrp86; Sfrs12; Srsf12; SRrp508; AI450757; AI462342; 8430401B01;

Gene ID

[218543](#)

mRNA Refseq

[NM_172592](#)

Protein Refseq

[NP_766180](#)

UniProt ID

[Q8BZX4](#)

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