

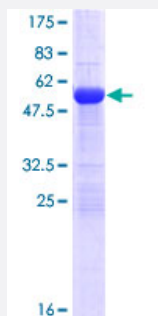
Full-Length

# SFRS1 (Human) Recombinant Protein (P01)

Catalog # H00006426-P01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human SFRS1 full-length ORF ( NP_008855.1, 1 a.a. - 248 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MSGGGVIRGPAGNNDCRIYVGNLPPDIRTKDIEDVFYKYGAIRDIDLKNRRGGPPFAFVEFEDPRD AEDAVYGRDGYDYDGYRLRVEFPRSGRGTGRGGGGGGGGGAPRGYGPSSRRSENRVVVSGL PPSGSWQDLKDHMREAGDVCYADVYRDGTGVVEFVRKEDMTYAVRKLDNTKFRSHEGETAYIR VKVDGPRSPSYGRSRSRSRSRSRSRSNSRSRSYSPRRSRGSPRYSRHSRSRSRT
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	54.1
<b>Interspecies Antigen Sequence</b>	Mouse (100); Rat (100)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Note

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — SFRS1

Entrez GeneID [6426](#)

GeneBank Accession# [NM\\_006924.3](#)

Protein Accession# [NP\\_008855.1](#)

Gene Name SFRS1

Gene Alias ASF, MGC5228, SF2, SF2p33, SRp30a

Gene Description splicing factor, arginine/serine-rich 1

Omim ID [600812](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a member of the arginine/serine-rich splicing factor protein family, and functions in both constitutive and alternative pre-mRNA splicing. The protein binds to pre-mRNA transcripts and components of the spliceosome, and can either activate or repress splicing depending on the location of the pre-mRNA binding site. The protein's ability to activate splicing is regulated by phosphorylation and interactions with other splicing factor associated proteins. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations** pre-mRNA-splicing factor SF2, P33 subunit|splicing factor 2

## Publication Reference

- [Combined Computational-Experimental Analyses of CFTR Exon Strength Uncover Predictability of Exon Skipping Level.](#)

Aissat A, de Becdelievre A, Golmard L, Vasseur C, Costa C, Chaoui A, Martin N, Costes B, Goossens M, Girodon E, Fanen P, Hinzpeter A.

Human Mutation 2013 Jun; 34(6):873.

Application: GSA, Human, IB3-1 cells