

# Product information



## SFRS1, 1-248aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1949

**Full name:** Serine/arginine-rich splicing factor 1

**NCBI Accession No.:** NP\_008855

**Synonyms:** ASF, MGC5228, SF2, SF2p33, SRp30a

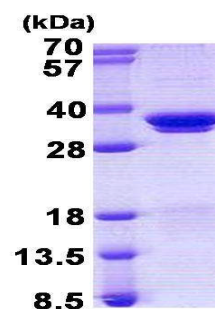
**Description:** Serine/arginine-rich splicing factor 1, also known as SFRS1, is a member of the arginine/serine-rich splicing factor protein family, and functions in both constitutive and alternative pre-mRNA splicing. This protein binds to pre-mRNA transcripts and components of the spliceosome, and 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. Recombinant human SFRS1 protein, fused to His-tag at N-terminus, was expressed in *E.coli*.

**Form:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

**Molecular Weight:** 29.9 kDa (268aa)

**Purity:** > 90% by SDS - PAGE

**Concentration:** 1 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

### Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MSGGGVIRGP AGNNDCRIYV GNLPPDIRTK DIEDVFYKYG AIRDIDLKNR RGGPPFAFVE FEDPRDAEDA  
VYGRDGYDYD GYRLRVEFPR SGRGTGRGGG GGGGGAPRG RYGPPSRSE NRVVVSGLPP SGWQDLKDH MREAGDVCYA DVYRDGTGVV  
EFVRKEDMTY AVRKLONTKF RSHEGETAYI RVKVDGPRSP SYGRSRSR SRSRSRSRSN SRSRSYSPPR SRGSPRYSR HRSRSRST

### General references:

Zuo P., *et al.* (1993) *EMBO J.* 12:4727-4737

Kohtz J.D., *et al.* (1994) *Nature.* 368:119-124

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.  
Avoid repeated freezing and thawing cycles.

**For research use only. This product is not intended or approved for human, diagnostics or veterinary use.**



Manufactured for:

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