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SRSF1, 1-248aa, Human, His-tag, Baculovirus

产品货号: TP04035

第三版

别名: Serine/arginine-rich splicing factor 1, SRSF1, ASF, SF2, SF2p33, SFRS1, SRp30a

描述: SRSF1, also known as Serine/arginine-rich splicing factor 1, 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. In addition to being involved in the splicing process, it also mediates post-splicing activities, such as mRNA nuclear export and translation. Recombinant human SRSF1 protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 100mM KCl, 1mM DTT, 0.2mM EDTA, 40% Glycerol

分子量: 28.5kDa (254aa) 28-40kDa (SDS-PAGE under reducing conditions.)

序列:

MSGGGVIRGPAGNNDCRIYVGNLPPDIRTKDIEDVFYKYGAIRDIDLKNRRGGPPFAFVEFEDPRDAEDAVYGRDGYDYD
GYRLRVEFPRSGRGTGRGGGGGGGGGAPRGRYGPSSRRSENRVVVSGLPPSGSWQDLKDHMREAGDV CYADVYRDGT
GVVEFVRKEDMTYAVRKL DNTKFRSHEGETAYIRVKVDGPRSPSYGRSRSRSRSRSRSRSNSRSRSYSPRRSRGSPRYSPRH
SRSRSRTHHHHHH

纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Absorbance at 280nm)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.