

Serine/arginine-rich splicing factor 3

Catalog No: #AP78836



Package Size: #AP78836-1 50ug #AP78836-2 100ug #AP78836-3 1mg

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Description

Product Name	Serine/arginine-rich splicing factor 3
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	Recombinant protein
Other Names	SFRS3,SRP20,Pre-mRNA-splicing factor SRP20,Splicing factor, arginine/serine-rich 3
Accession No.	P84103Gene name:SRSF3
Uniprot	P84103
GeneID	6428;
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Splicing factor that specifically promotes exon-inclusion during alternative splicing (PubMed:26876937). Interaction with YTHDC1, a RNA-binding protein that recognizes and binds N6-methyladenosine (m6A)-containing RNAs, promotes recruitment of SRSF3 to its mRNA-binding elements adjacent to m6A sites, leading to exon-inclusion during alternative splicing (PubMed:26876937). Also functions as export adapter involved in mRNA nuclear export such as of histone H2A (PubMed:11336712, PubMed:18364396). Binds mRNA which is thought to be transferred to the NXF1-NXT1 heterodimer for export (TAP/NXF1 pathway); enhances NXF1-NXT1 RNA-binding activity (PubMed:11336712, PubMed:18364396). RNA-binding is semi-sequence specific (PubMed:17036044).

References

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Note: This product is for in vitro research use only