

## Product datasheet for TP502755

### Sfrs10 (BC086795) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse splicing factor, arginine/serine-rich 10 (transformer 2 homolog, Drosophila) (cDNA clone MGC:102169 IMAGE:6828358),, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202755 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MSDSGEQNYGERESRSASRSGSAHGSGKSARHTPARSRSKEDSRRSRSKSRSRSESRSRSTRSSRRHYTR SRSRSTRSHRRSRRSYRDYRRRHSHSHSPMSTRRRHVGNRANPDPNCCLGVFGLSLYTTERDLREVFSK YGPIADVSIYDQQSRRSRGFAFVYFENVDDAKEAKERANGMELDGRRIRVDFSITKRPHTPTPGIYMGR PTYGSSRRRDYYDRGYDRG
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	26.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	20462
UniProt ID:	<u><a href="#">P62996</a></u>
RefSeq Size:	2012



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<b>Cytogenetics:</b>	16 13.18 cM
<b>RefSeq ORF:</b>	687
<b>Synonyms:</b>	D16Ertd266e, SIG-41, TRA2B, TRA2beta
<b>Summary:</b>	Sequence-specific RNA-binding protein which participates in the control of pre-mRNA splicing. Can either activate or suppress exon inclusion. Acts additively with RBMX to promote exon 7 inclusion of the survival motor neuron SMN2. Activates the splicing of MAPT/Tau exon 10. Alters pre-mRNA splicing patterns by antagonizing the effects of splicing regulators, like RBMX. Binds to the AG-rich SE2 domain in the SMN exon 7 RNA. Binds to pre-mRNA (By similarity).[UniProtKB/Swiss-Prot Function]