Recombinant Mouse Tra2b Protein, Myc/DDK-tagged

Cat. No. Tra2b-5815M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length 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.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	26.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Tra2b transformer 2 beta [Mus musculus (house mouse)]
Official Symbol	Tra2b
Synonyms	Tra2b; transformer 2 beta; Sfr; Sil; SIG-41; Sfrs10; Silg41; TRA2beta; D16Ertd266e; 5730405G21Rik; transformer-2 protein homolog beta; silica-induced gene 41 protein; splicing factor, arginine/serine-rich 10 (transformer 2 homolog, Drosophila); transformer 2 beta homolog; transformer-2 protein homolog B
Gene ID	20462
mRNA Refseq	NM_009186
Protein Refseq	NP_033212
UniProt ID	P62996

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