

TRA2B Protein, Human, Recombinant (His & Myc)

General Information

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| Synonyms: | TRA-2 beta;Transformer-2 protein homolog beta;TRA2-beta;SFRS10;Splicing factor, arginine/serine-rich 10;hTRA2-beta;Transformer-2 protein homolog B;TRA2B |
| Protein Construction: | 2-288 aa |
| Species: | Human |
| Expression Host: | Baculovirus Insect Cells |
| Accession: | P62995 |
| Molecular Weight: | 37.6 kDa (predicted) |
| AA Sequence: | SDSGEQNYGERESRSASRSGSAHGSGKSARHTPARSRSKEDSRRSRKSRSRSESRSRRRSSRRHYTRSRSR SRSHRRSRRSYSRDYRRRSHSHSPMSTRRRHVGNRANPDPNCCLGVFGLSLYTTERDLREVFASKYGP VSIVYDQQSRRSRGFAFVYFENVDDAKEAKERANGMELDGRRIRVDFISITKRPHTPTPGIYMGRPTYGSSRRR DYYDRGYDRGYDDRDYYSRSYRGGGGGGGGWRAAQDRDQIYRRRSPSPYYSRGGYRSRSRRSYSPRRY |

QC Testing

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| Biological Activity: | Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first. |
| Purity: | > 90% as determined by SDS-PAGE. |
| Endotoxin: | < 1.0 EU/μg of the protein as determined by the LAL method. |
| Formulation: | Tris-based buffer, 50% glycerol |

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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