

## Recombinant Mouse Tcea2 Protein, Myc/DDK-tagged

Cat. No. Tcea2-6328M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length transcription elongation factor A (SII), 2 (Tcea2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Necessary for efficient RNA polymerase II transcription elongation past template-encoded arresting sites. The arresting sites in DNA have the property of trapping a certain fraction of elongating RNA polymerases that pass through, resulting in locked ternary complexes. Cleavage of the nascent transcript by S-II allows the resumption of elongation from the new 3'-terminus.
<b>Molecular Mass</b>	33.7 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

**Gene Name** Tcea2 transcription elongation factor A (SII), 2 [ Mus musculus (house mouse) ]

**Official Symbol** Tcea2

**Synonyms** TCEA2; transcription elongation factor A (SII), 2; transcription elongation factor A protein 2; testis-specific S-II; transcription elongation factor TFIIIS.I; transcription elongation factor S-II protein 2; Tceat; SII-T1; S-II-T1; AI326274

**Gene ID** 21400

**mRNA Refseq** NM\_009326

**Protein Refseq** NP\_033352

**UniProt ID** Q9QVN7

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