

Recombinant Mouse Tcea2 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length transcription elongation factor A (SII), 2 (Tcea2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	33.7 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
Storage Buffer	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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