

Recombinant Mouse Tcea3 Protein, Myc/DDK-tagged

Cat. No. Tcea3-6329M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length transcription elongation factor A (SII), 3 (Tcea3), 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	38.8 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	Tcea3 transcription elongation factor A (SII), 3 [Mus musculus (house mouse)]
Official Symbol	Tcea3
Synonyms	TCEA3; transcription elongation factor A (SII), 3; transcription elongation factor A protein 3; transcription elongation factor TFIIIS.h; tissue-specific transcription factor S-II; transcription elongation factor S-II protein 3; S-II; SII-K1
Gene ID	21401
mRNA Refseq	NM_011542
Protein Refseq	NP_035672
UniProt ID	P23881

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