

Product datasheet for TP505243

Tcea3 (NM_011542) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse transcription elongation factor A (SII), 3 (Tcea3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205243 protein sequence Red =Cloning site Green =Tags(s)
	<p>MGLEEEELLRIAKKLEKMVSRKKTEGALDLLKKLNQCMSIQLLQTTTRIGVAVNGVVRKHCSDKEVSLAKV LIKNWKRLLDSPRTTKGEREEREKAKKEKGLGCSWDKPEAGLSPPRKGGGEPKTRRDSVDSRSSTTSSP KRPSLERSNSSKSKVETPTTPSSPSTPTFAPAVCLLAPCYLTGDSVRDKCVEMLSAALKAEDNFKDYGVN CDKLASEIEDHIYQELKSTDMKYRNRVRSRISNLKDPRNPGLRRNVLSGAISPELIAKMTAEEMASDELRL ELRNAMTQEAIREQMAKTGGTTDLLRCSKCKKKNCTYNQVQTRSADEPMTTFVLCNECGNRWKFC</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	38.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_035672
Locus ID:	21401
UniProt ID:	P23881



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RefSeq Size: 1247

Cytogenetics: 4 D3

RefSeq ORF: 1044

Synonyms: S-II; SII-K1

Summary: 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.[UniProtKB/Swiss-Prot Function]