OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP517777

Tcea2 (NM_009326) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse transcription elongation factor A (SII), 2 (Tcea2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR217777 protein sequence Red=Cloning site Green=Tags(s) MGKEEEIARIARRLDKMVTRKNAEGAMDLLRELKNMPITLHLLQSTRVGMSVNALRKQSSDEELIALAKS LIKSWKKLLDVSDGKSRNQGRGTPLPTSSSKDASRTTDLSCKKPDPPRTPSTPRITTFPQVPITCDAVRN KCREMLTLALQTDHDHVAVGVNCEHLSSQIEECIFLDVGNTDMKYKNRVRSRISNLKDAKNPGLRRNVLC GAITPQQIAVMTSEEMASDELKEIRKAMTKEAIREHQMARTGGTQTDLFTCNKCRKKNCTYTQVQTRSSD EPMTTYVVCNECGNRWKFC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	33.7 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_033352
Locus ID:	21400
UniProt ID:	Q9QVN7, Q810R3

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RefSeq Size:	1163
Cytogenetics:	2 103.72 cM
RefSeq ORF:	900
Synonyms:	AI326274; S-II-T1; SII-T1; Tceat
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]