

Product datasheet for MC201153

Tcea3 (NM_011542) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tcea3 (NM_011542) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tcea3
Synonyms: S-II; SII-K1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC010807 sequence for NM_011542
 CGGACCGTGGGTCGACGTGCGGCTCGCGCCTTGGCGCCCGCTGTGCCCTGCGCCCTAACCCCGCCGT
 GCGTTGTGGACCAACATGGGCCTGGAAGAGGAGCTGTTGAGGATCGCCAAAAGCTGGAGAAGATGGTGT
 CCCGGAAGAAGACGGAAGGGGCCCTGGACCTTCTGAAGAAGCTGAACAGTTGCCAGATGTCCATCCAGCT
 GCTACAGACCACCAAGGATCGGAGTGGCAGTCAACGGAGTCCGCAAGCACTGCTCAGACAAGGAAGTGGTG
 TCCTTGGCCAAAGTCTCATTAAAACTGGAAGCGGCTGCTGGACTCCCCAGAACCACCAAGGAGAAA
 GAGAAGAAAGAGAAAAAGCGAAGAAGGAGAAAGGACTTGGCTGTTGACTGGAAACCAGAAGCAGGCCCT
 TTCTCCACCAAGGAAGAAAGGAGGGGAGAGCCAAAAC TAGGAGAGACTCTGTAGACTCCAGGTCATCC
 ACCACCTCCTCTCAAAAAGGCCTTCGCTGAAAGATCCAACAGCAGCAAATCTAAAGTGGAACTCCCA
 CGACCCAGCAGCCCTCAACTCCACCTTTGCCCCGCTGTCTGTCTCCTGGCCCTGCTACCTCAC
 CGGGACTCTGTCCGGGACAAATGTGTGGAGATGCTGTCAGCAGCTCTGAAGGCAGAAGACAATTTCAAG
 GACTATGGAGTCAACTGTGACAAGCTGGCCTCAGAAATAGAAGACCATATCTATCAAGAACTCAAGAGCA
 CAGACATGAAGTACCGGAACCGTGTGCGCAGCCGCATCAGCAACCTGAAGGACCCAGGAACCCAGGCCCT
 GAGGCGGAATGTGCTCAGTGGGGCCATCTCCCCAGAGCTCATTGCCAAGATGACAGCGGAGGAAATGGCC
 AGTGATGAGCTGAGGGAGCTGAGGAACGCCATGACTCAAGAGGCCATCCGTGAGCACCAGATGGCGAAGA
 CAGGCGGCACCACCACTGACCTTTGCGGTGTAGCAAGTGAAGAAGAAGAAATTGACCTATAACCAAGT
 GCAGACACGCAGTGTGATGAGCCCATGACCACTTTTGTCTTATGCAATGAATGTGGGAATCGCTGGAAG
 TTCTGTGACGGAACCCACCCAGGATGGCAGAGGATAAAGTGAAGAAGACCCAGCAGGAAGCACAGAC
 CACGTGACCCAGAGCAAAAAAAAAATAAAAAATACAAATTCAAATGACAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_011542
Insert Size: 1044 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC010807 , AAH10807
RefSeq Size:	1252 bp
RefSeq ORF:	1044 bp
Locus ID:	21401
UniProt ID:	P23881
Cytogenetics:	4 D3
Gene 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]