

Product datasheet for MC209497

Tcea2 (NM_009326) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tcea2 (NM_009326) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tcea2
Synonyms:	A1326274; S-II-T1; SII-T1; Tceat
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209497 representing NM_009326 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCAAGGAGGAAGAGATTGCTCGTATCGCCCGGAGGCTGGACAAAATGGTGACCAGGAAGAACGCGG
AGGGAGCTATGGATTTGCTGCGGGAGCTGAAGAATATGCCTATTACATTGCACTTGTCCAGTCCACCCG
TGTTGGGATGTCTGTCAATGCTCTGCGCAAGCAGAGTTTCAGATGAGGAGCTCATTGCACTTGCCAAGTCC
CTCATCAAGTCTGGAAGAAGCTCTTGATGTTTCTGATGGCAAATCCAGGAATCAAGGGAGGGGCACAC
CTTTCCTACATCATCAAAGGATGCCTCAAGGACTACGGATCTCAGCTGCAAGAAGCCAGATCCACC
TAGGACCCCATCCACTCCAAGGATCACTACATTTCCCAAGTGCCCATCACCTGTGATGTGTACGAAAC
AAATGCCGAGAGATGCTGACTTTGGCCCTGCAAACGACCACGACCACGTGGCCGTTGGTGTGAAGTGTG
AGCATCTGTCTCAGATCGAGGAGTGCATCTTCTGGACGTGGGAAATACTGACATGAAGTACAAGAA
TCGGGTGCGGAGCCGAATCTCTAACCTGAAAGATGCCAAGAACCCTGGTCTACGGCGGAATGTGTTGTG
GGTGCCATTACACCCAGCAGATAGCTGTGATGACATCAGAGGAGATGGCCAGTGACGAGCTGAAGGAGA
TTCGCAAGGCCATGACTAAGGAGGCCATCCGTGAGCACCAGATGGCCCGTACAGGTGGCACACAGACTGA
CCTGTTACCTGCAACAAGTGCAGGAAGAAGAACTGCACCTACACGCAGGTGCAGACCCGTAGCTCCGAT
GAGCCCATGACTACCTATGTTGTCTGCAACGAGTGTGGGAATCGATGGAAGTTCTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_009326
Insert Size:	900 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:	NM_009326.2 , NP_033352.1
RefSeq Size:	1163 bp
RefSeq ORF:	900 bp
Locus ID:	21400
UniProt ID:	Q9QVN7
Cytogenetics:	2 103.72 cM
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (a).</p>