

Product datasheet for MC209501

Tcn2 (NM_001130458) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tcn2 (NM_001130458) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tcn2
Synonyms: AW208754; Tcn-2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209501 representing NM_001130458
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGCTCTGAAGGCGCTGCTCCTTTCTGGAGTCTTTGGGGCTCTTGCTGAATTCTGTGAATAC
 CACGGATAGACAGCCAGCTGGTAGAGAAGTTGGGTCAACGTCTTTACCTGGATGGATCGGCTTTCCTC
 AGAGCAGTTGAACCCAGCGTCTTCGTTGGCTGCGACTTCCAGCATGCAGGCTGGACCAAAGAGGAC
 CTCTACCTTACAGCCTCAAGATCCATTACCAGCAGTGCCTCCTGCGGTCCACCTCCAGCGATGATAACA
 GTAGTTGCCAGCCAAACTTTCCGGGGGACGCTGGCGCTCTACCTGCTTCTCAGGGCAAAGTGGCA
 ATTCTTCGGGAGCCGAAAGGGTACAGGTTGATCTCACAGCTCAAGTGGTCTTGAGGATGAGAAGAAG
 GCCATTGGGCACAATCATGAAGGCCACCCCAACCAACTATTACCAGTATGGCTCAGCATCCTGGCAC
 TGTGTGCCACCAGAAGCGGCTCCATGACAGCGTGGTGGCAAGCTCCTGTATGCTGTTGAACATGACTA
 CTTTACCTACCAGGGCCACGTCTCTGTGGACACAGAAGCCATGGCCGGCTTGGCCCTCACCTGTTGGAG
 CGATTCAATTTCAACTCTGATCTGAGACCACGAATCACCATGGCTATCGAGACAGTCCGAGAGAAAATCC
 TGAAGTCCAGGCCCTGAGGGTACTTTGGGAATATCTATAGCACCCCACTGGCACTACAGATGCTCAT
 GACATCTCCTGCATCCGGGTAGGGCTGGGCACAGCGTGCATCAAGGCAGGGACATCCCTGCTGCTCAGC
 CTACAGGATGGGGCCTTCCAAAATCCTCTGATGATTTCCAGCTGCTACCCATCCTGAACCAACAAGCCT
 ACTTGGATCTTATCTTCCAGACTGCCAGGCATCCAGGTCATGTTGGTCCAGCTGTTGAGGACCTGT
 CCACATCTCAGAAGTATCAGCGTCACGCTGAAGTCCAGTGCCTGTACCATAACGACAGACATTT
 TTTGCTTTGCTGGATCTTCTTGAAGATGCTCCTGAAGTTGGCACAAGATGGCGGAGGATTACCGTATG
 GGACCCAGGCCTCCTGTGAGGCCCTACCTGACATCTGACTAGGAAAGATGCTGGGGACCGAGAATA
 TTGGCAGCTCCTCGAGCCCCTGACACACCCTGCTGCAAGGCATTGCTGACTACAAACCCAGGACGGG
 GAAACCATTGAGCTGCGCTAGTTAGATGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001130458
Insert Size:	1293 bp
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:	<u>NM_001130458.1</u> , <u>NP_001123930.1</u>
RefSeq Size:	2058 bp
RefSeq ORF:	1293 bp
Locus ID:	21452
UniProt ID:	<u>O88968</u>
Cytogenetics:	11 2.76 cM
Gene Summary:	Primary vitamin B12-binding and transport protein. Delivers cobalamin to cells. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1.