

Product datasheet for **MC209500**

Tcn2 (NM_001130459) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tcn2 (NM_001130459) 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: >MC209500 representing NM_001130459
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGCTCTGAAGGCGCTGCTCCTTTCTGGAGTCTTTGGGCTCTTGCTGAATTCTGTGAATAC
CACGGATAGACAGCCAGCTGGTAGAGAAGTTGGTCAACGTCTTTACCTGGATGGATCGGCTTTCCTC
AGAGCAGTTGAACCCAGCGTCTCGTTGGCTGCGACTTCCAGCATGCAGGCTGGACCAAAGAGGAC
CTCTACCTTACAGCCTCAAGATCCATTACCAGCAGTGCCTCCTGCGGTCCACCTCCAGCGATGATAACA
GTAGTTGCCAGCCAAACTTTCCGGGGGACGCTGGCGCTCTACCTGCTTCTCAGGGCAAAGTGGCA
ATTCTTCGGGAGCCGAAAGGGTACAGGTTGATCTCACAGCTCAAGTGGTCTTGAGGATGAGAAGAAG
GCCATTGGGCACAATCATGAAGGCCACCCCAACCAACTATTACCAGTATGGCTCAGCATCCTGGCAC
TGTGTGCCACCAGAAGCGGCTCCATGACAGCGTGGTGGCAAGCTCCTGTATGCTGTTGAACATGACTA
CTTTACCTACCAGGGCCACGTCTCTGTGGACACAGAAGCCATGGCCGGCTTGGCCCTCACCTGTTGGAG
CGATTCAATTTCAACTGTGATCTGAGACCACGAATCACCATGGCTATCGAGACAGTCCGAGAGAAAATCC
TGAAGTCCAGGCCCTGAGGGTACTTTGGGAATATCTATAGCACCCCACTGGCACTACAGATGCTCAT
GACATCTCCTGCATCCGGGTAGGGCTGGGCACAGCGTGCATCAAGGCAGGGACATCCCTGCTGCTCAGC
CTACAGGATGGGGCTTCCAAAATCCTCTGATGATTTCCAGCTGCTACCCATCCTGAACCACAAGACCT
ACTTGGATCTTATCTTCCAGACTGCCAGGCATCCAGGTCATGTTGGTCCAGCTGTTGAGGACCTGT
CCACATCTCAGAAGTATCAGCGTCACGCTGAAGTCCAGTGCCTGTACCATAACGACAGACATTT
TTTGTCTTTGCTGGATCTTCTTGAAGATGCTCTGAAGTTGGCACAAGATGGCGGAGGATTACGATG
GGACCCAGGCCTCCTGTGAGGCCCTACCTGACATCTGACTAGGAAAGATGCTGGGGACCGAGAATA
TTGGCAGCTCCTCGAGCCCCTGACACACCCTGCTGCAAGGCATTGCTGACTACAAACCCAGGACGGG
GAAACCATTGAGCTGCGCTAGTTAGATGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001130459
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_001130459.1</u> , <u>NP_001123931.1</u>
RefSeq Size:	2030 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 (3) differs in the 5' UTR, compared to variant 1.