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Product datasheet for MC209502

Tcn2 (NM_015749) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tcn2 (NM_015749) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tcn2
Synonyms:	AW208754; Tcn-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC209502 representing NM_015749
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGCTCCTGAAGGCGCTGCTGCTCCTTTCTGGAGTCTTTGGGGCTCTTGCTGAATTCTGTGTAATAC
CACGGATAGACAGCCAGCTGGTAGAGAAGTTGGGTCAACGTCTTTTACCTTGGATGGATCGGCTTTCCTC
AGAGCAGTTGAACCCCAGCGTCTTCGTTGGCCTGCGACTTTCCAGCATGCAGGCTGGGACCAAAGAGGAC
CTCTACCTTCACAGCCTCAAGATCCATTACCAGCAGTGCCTCCTGCGGTCCACCTCCAGCGATGATAACA
GTAGTTGCCAGCCCAAACTTTCCGGGGGCAGCCTGGCGCTCTACCTGCTTGCTCTCAGGGCCAACTGCGA
ATTCTTCGGGAGCCGAAAGGGTGACAGGTTGATCTCACAGCTCAAGTGGTTCTTGGAGGATGAGAAGAAG
GCCATTGGGCACAATCATGAAGGCCACCCCAACACCAACTATTACCAGTATGGCCTCAGCATCCTGGCAC
TGTGTGTCCACCAGAAGCGGCTCCATGACAGCGTGGTGGGCAAGCTCCTGTATGCTGTTGAACATGACTA
CTTTACCTACCAGGGCCACGTCTCTGTGGACACAGAAGCCATGGCCGGCTTGGCCCTCACCTGTTTGGAG
CGATTCAATTTCAACTCTGATCTGAGACCACGAATCACCATGGCTATCGAGACAGTGCGAGAGAAAATCC
TGAAGTCCCAGGCCCCTGAGGGCTACTTTGGGAATATCTATAGCACCCCACTGGCACTACAGATGCTCAT
GACATCTCCTGCATCCGGGGTAGGGCTGGGCACAGCGTGCATCAAGGCAGGGACATCCCTGCTGCTCAGC
CTACAGGATGGGGCCTTCCAAAATCCTCTGATGATTTCCCAGCTGCTACCCATCCTGAACCACAAGACCT
ACTTGGATCTTATCTTCCCAGACTGCCAGGCATCCAGGGTCATGTTGGTGCCAGCTGTTGAGGACCCTGT
CCACATCTCAGAAGTCATCAGCGTCACGCTGAAGGTCGCCAGTGCCCTGTCACCATACGAACAGACATTT
TTTGTCTTTGCTGGATCTTCCTTGGAAGATGTCCTGAAGTTGGCACAAGATGGCGGAGGATTCACGTATG
GGACCCAGGCCTCCTTGTCAGGCCCCTACCTGACATCTGTACTAGGGAAAGATGCTGGGGACCGAGAATA
TTGGCAGCTCCTCCGAGCCCCTGACACACCCCTGCTGCAAGGCATTGCTGACTACAAACCCCAGGACGGG
GAAACCATTGAGCTGCGGCTAGTTAGATGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_015749

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:
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_015749.3, NP_056564.1

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RefSeq Size:	2061 bp
RefSeq ORF:	1293 bp
Locus ID:	21452
UniProt ID:	O88968
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 (1) represents the longest transcript. Variants 1.

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