

Product datasheet for **MR218492**

Tcn2 (NM_001130459) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tcn2 (NM_001130459) Mouse Tagged ORF Clone
Tag:	Myc-DDK
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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ORF Nucleotide Sequence:

>MR218492 representing NM_001130459
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGCTCCTGAAGGCGCTGCTGCTCCTTTCTGGAGTCTTTGGGGCTCTTGCTGAATTCTGTGAATAC
 CACGGATAGACAGCCAGCTGGTAGAGAAGTTGGGTCAACGCTTTTTACCTTGATGGATCGCTTTCTCTC
 AGAGCAGTTGAACCCAGCGTCTTCGTTGGCTGCGACTTTCCAGCATGCAGGCTGGGACCAAAGAGGAC
 CTCTACCTTACAGCCTCAAGATCCATTACCAGCAGTGCCTCCTGCGGTCCACCTCCAGCGATGATAACA
 GTAGTTGCCAGCCAAACTTTCCGGGGCAGCCTGGCGCTCTACCTGCTTCTCAGGGCCAACTGCGA
 ATTCTTCGGGAGCCGAAAGGGTGACAGGTTGATCTCACAGCTCAAGTGGTTCTTGAGGATGAGAAGAAG
 GCCATTGGGCACAATCATGAAGGCCACCCCAACCAACTATTACCAGTATGGCCTCAGCATCCTGGCAC
 TGTGTGCCACCAGAAGCGGCTCCATGACAGCGTGGTGGCAAGCTCCTGTATGTGTTGAACATGACTA
 CTTTACCTACCAGGGCCAGTCTCTGTGGACACAGAAGCCATGGCCGGCTTGGCCCTCACCTGTTTGGAG
 CGATTCATTTCAACTCTGATCTGAGACCAGAAATCACCATGGCTATCGAGACAGTGCAGAGAAAATCC
 TGAAGTCCAGGCCCTGAGGGCTACTTTGGGAATATCTATAGCACCCCACTGGCACTACAGATGCTCAT
 GACATCTCCTGCATCCGGGGTAGGGCTGGGCACAGCGTGCATCAAGGCAGGGACATCCCTGCTGCTCAGC
 CTACAGGATGGGGCTTCCAAAATCCTCTGATGATTTCCAGCTGCTACCCATCCTGAACCACAAGACCT
 ACTTGGATCTTATCTTCCAGACTGCCAGGCATCCAGGGTCAATGTTGGTGCCAGCTGTTGAGGACCTGT
 CCACATTCAGAAGTCATCAGCGTCACGCTGAAGTTCGCCAGTGCCTGTACCATACGAACAGACATTT
 TTTGTCTTGTGGATCTTCTTGAAGATGCTCTGAAGTTGGCACAAGATGGCGGAGGATTACGATATG
 GGACCCAGGCCTCCTTGTGAGGCCCTACCTGACATCTGTACTAGGAAAGATGCTGGGGACCGAGAATA
 TTGGCAGCTCCTCCGAGCCCTGACACACCCCTGCTGCAAGGCATTGCTGACTACAAACCCAGGACGGG
 GAAACCATTGAGCTGCGGCTAGTTAGATGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR218492 representing NM_001130459
 Red=Cloning site Green=Tags(s)

MELLKALLLLSGVFGALAEFCVIPRIDSQLVEKLGQRLLPMDRLSSEQLNPSVVFGLRLSSMQAGTKED
 LYHLHLKIHYQQCLLRSTSSDDNSSCQPKLGGSLALYLLALRANCEFFGSRKGDRLISQLKWFLEDEKK
 AIGHNHEGHPNTNYYQYGLSILALCVHQRLHDSVVGKLLYAVEHDYFTYQGHVSDTEAMAGLALTCLE
 RFNFNSDLRPRTMAIETVREKILKSQAPEGYFGNIYSTPLALQMLMTSPASGVGLGTACIKAGTSLLLS
 LQDGAFAQNPLMISQLLPILNHKTYLDLIFPDCQASRVMLVPAVEDPVHISEVISVTLKVASALSPYEQTF
 FVFAGSSLEDVLKLAQDGGGFYGTQASLSGPYLTSVLGKDAGREYWQLLRAPDTPLLQGIADYKPDQG
 ETIELRLVRW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9058_f04.zip

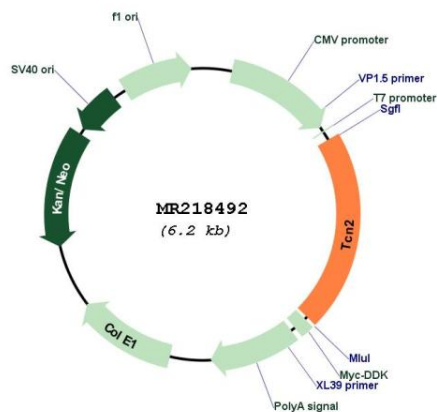
Restriction Sites:

Sgfl-Mlul

MW: 47.6 kDa

Gene Summary: Primary vitamin B12-binding and transport protein. Delivers cobalamin to cells.
[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR218492