

## Product datasheet for **RG222285**

### TCN1 (NM\_001062) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TCN1 (NM_001062) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TCN1
Synonyms:	HC; TC-1; TC1; TCI
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG222285 representing NM_001062 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGACAGTCACACCAGCTGCCCTAGTGGGCTCTTACTGTTTTCTTTTATTCCAAGCCAATATGCG  
AGATTTGTGAGGTAAGTGAAGAAAACACATCCGCCTAAAACCTCTGTTGAATACAATGATCCAGTCAA  
CTATAACAGGGGAACCAGCGCTGCAATGTTGTGTGTCCTCAAACCTGTTGGAATCCAGATCCAAACC  
CTGATGCAAAAGATGATCCAACAATCAAATACAATGTGAAAAGCAGATTGTCAGATGTAAGCTCGGGAG  
AGCTTGCCTTGATTATACTGGCTTTGGGAGTATGTCGTAACGCTGAGGAAAACCTAATATATGATTACCA  
CCTGATCGACAAGCTAGAAAATAAATCCAAAGCAGAAATGAAAATATGGAAGCACACAATGGCACTCCC  
CTGACTAACTACTACCAGCTCAGCCTGGACGTTTTGGCCTGTGTCTGTTCAATGGGAACACTCAACCG  
CCGAAGTTGTCAACCACTTCACTCCTGAAAATAAAAACCTATTATTTGGTAGCCAGTTCTCAGTAGATAC  
TGGTGCAATGGCTGTCTGGCTCTGACCTGTGTGAAGAAGAGTCTAATAAATGGGCAGATCAAAGCAGAT  
GAAGGCAGTTTAAAGAACATCAGTATTTATACAAAGTCACTGGTAGAAAAGATTCTGTCTGAGAAAAAG  
AAAATGGTCTCATTGAAACACATTTAGCACAGGAGAAGCCATGCAGGCCCTCTTTGTATCATCAGACTA  
TTATAATGAAAATGACTGGAATTGCCAACAACTCTGAATACAGTGCTCACGAAAATTTCTCAAGGAGCA  
TTCAGTAATCCAACGCTGCAGCCAGGCTTACCTGCCCTGATGGGAAAGACCTCTTTGGATATTAACA  
AAGACTCTTCTTGGCTCTGCTTACAGGTAACCTCAACATCTCCGCTGATGAGCCTATAACTGTGACACC  
TCTGACTCACAATCATATATCTCCGCTCAATTACTCTGTGAGAATCAATGAAACATATTTACCAATGTC  
ACTGTGCTAAATGGTTCTGTCTTCTCAGTGTGATGGAGAAAGCCAGAAAATGAATGATACTATATTTG  
GTTTCACAATGGAGGAGCGCTCATGGGGCCCTATATCACCTGTATTAGGGCCTATGTGCCAACATAA  
TGACAGAACCTACTGGAACTTCTGAGTGGAGGCGAACCACTGAGCCAAGGAGCTGGTAGTTACGTTGTC  
CGCAATGGA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**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\\_001062.2](#), [NP\\_001053.2](#)

**RefSeq Size:** 1543 bp

**RefSeq ORF:** 1302 bp

**Locus ID:** 6947

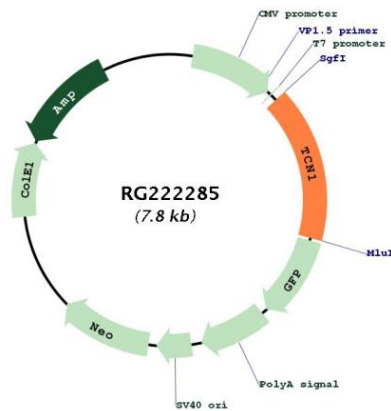
**UniProt ID:** [P20061](#)

**Cytogenetics:** 11q12.1

**Protein Families:** Secreted Protein

**Gene Summary:** This gene encodes a member of the vitamin B12-binding protein family. This family of proteins, alternatively referred to as R binders, is expressed in various tissues and secretions. This protein is a major constituent of secondary granules in neutrophils and facilitates the transport of cobalamin into cells. [provided by RefSeq, Jul 2008]

### Product images:



Circular map for RG222285