

Product datasheet for **MC203790**

Trf (NM_133977) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trf (NM_133977) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trf
Synonyms:	AI266983; Cd176; HP; hpx; Tf; Tfn
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC012313
 GCCACGGGCAGGCTGCGCAGAAGCGGGTCGGTCTGTACTCCCCGCTCCTCGCCACACACACACCGAGAGG
 ATGAGGCTCACCGTGGGTGCCCTGCTGGCTGCGCTGCCCTGGGGCTGTGTCTGGCTGTCCCTGACAAAA
 CGGTCAAATGGTGCAGTGTGACAGCAGGAGAATACCAAATGCATCAGTTCCGTGACCACATGAAGAC
 CGTCTTCCGCTGATGGCCCCGGCTTGCTGTGTGAAGAAAACCTCCTATCCGGATTGCATCAAGGCC
 ATTTCTGCAAGTGAAGCCGATGCTATGACCTTGGATGGGGTTGGGTGTACGATGCCGCCTGACTCCGA
 ACAACCTGAAGCCCGTGGCGCGGAGTTTTATGGATCAGTGAACATCCACAGACCTACTACTACGCTGT
 GGCTGTGGTAAAGAAGGGAACAGACTTCCAGCTGAACCAGCTCGAAGGCAAGAAGTCTGCCACACAGGC
 CTGGGAAGGTCTGCAGGCTGGGTGCATCCCCATTGGCTTGTCTTCTGTAAGCTGTGCGAGCCCCGAGTC
 CTCTTGAGAAAGCTGTGTCCAGTTTCTTCTCGGGCAGTTGTGTCCCTGTGCAGATCCAGTGGCCTTCCC
 CAAACTGTGTCAACTGTGCCAGGCTGTGGCTGCTCCTCCACTCAACCGTTCTTTGGCTACGTAGGCGCA
 TTCAAGTGTCTGAAAGATGGCGTGGGGATGTGGCCTTTGTCAAGCACACAACCATATTTGAGGTCTTGC
 CGGAGAAGGCTGACAGGGACCAATATGAACTGCTCTGCCTTGACAATACCCGCAAGCCAGTGGATCAGTA
 TGAGGATTGCTACCTGGCTCGGATCCCTTCTCATGCTGTTGTGGCTCGAAAAACAATGGCAAGGAAGAC
 TTGATCTGGGAGATTCTCAAAGTGGCACAGGAACACTTTGGCAAAGGCAAATCAAAGACTTCCAACGT
 TCAGCTCTCCTCTGGGAAAGACCTGCTGTTTAAAGATTCTGCCTTTGGGCTGTTAAGGGTCCCCCAAG
 GATGGACTACAGGCTGTACCTTGGCCATAACTATGTCACCTGCCATTCCGAATCAGCAGGAAGGCGTGTGC
 CCGGAGGGCTCGATCGACAACCTGCCAGTGAAGTGGTGTGCACTGAGTCCCTGGAGAGAACCAAGTGTG
 ACGAGTGGAGCATCATCAGTGAAGGAAAGATAGAGTGTGAGTCAGCAGAGACCACTGAGGACTGCATTGA
 AAAGATTGTGAACGGAGAAGCGGACGCCATGACTTTGGATGGAGGACATGCCTACATTGCAGGCCAGTGT
 GGTCTAGTGCCTGTCATGGCAGAGTACTACGAGAGCTCTAATTGTGCCATCCCATCACAACAAGGTATCT
 TTCCTAAAGGGTATTATGCCGTGGCTGTGGTGAAGGCATCGACACTAGCATCACCTGGAACAACCTGAA
 AGGCAAGAAGTCTGCCACACTGGGGTAGACAGAACCGCTGGTTGGAACATCCCTATGGGCATGCTGTAC
 AACAGGATCAACCACTGCAAATTCGATGAATTTTCAGTCAAGGCTGCGCTCCCGGGTATGAGAAGAATT
 CCACCCTCTGTGACCTGTGATTGGCCACTCAAATGTGCTCCGAACAACAAGGGAATAAATGGTTA
 CACAGGGGCTTTAGGTGTCTGTTGAGAAAGGAGATGTAGCCTTTGTGAAACACCAGACTGTCCTGGAT
 AACACCGAAGGAAAGAACCCTGCCGAATGGGCTAAGAATCTGAAGCAGGAAGACTTCGAGTTGCTGTGCC
 CTGATGGCACCAGGAAGCCTGTGAAAGATTTTGCAGCTGCCACCTGGCCCAAGCTCCAAACCATGTTGT
 GGTCTCACGAAAAGAGAAGGCAGCCGGGTTAAGGCTGTACTGACTAGCCAGGAGACTTTATTTGGGGGA
 AGTACTGCACCGCAATTTCTGTTTGTCAAGTCTACCACCAAGGACCTTCTGTTAGGGATGACACCA
 AATGTTTTCGTTAAACTTCCAGAGGGTACCACACCTGAAAAATACTTAGGAGCGGAGTACATGCAATCTGT
 CGGTAACATGAGGAAGTCTCAACCTCACGACTCCTGGAAGCCTGCACTTCCACAAACATTAATAATCCA
 AGAGGTGGGTTGCCACTGTGGTGGAGACAGATGCTCCCTCCCGTGGCCATGGGCTTCTCTTGGTCTTCA
 TGCCCTGAGGGGTTGGGACTAAGTGGTGTAGTCTTCGCTGCTGTGCCTTACCACATACACAGAGCACAAA
 ATAAAAACGACTGCTGACTTTAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_133977

Insert Size: 2094 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: [BC012313](#), [AAH12313](#)

RefSeq Size: 2345 bp

RefSeq ORF: 2094 bp

Locus ID: 22041

UniProt ID: [Q92111](#)

Cytogenetics: 9 55.03 cM

Gene Summary: Transferrins are iron binding transport proteins which can bind two Fe(3+) ions in association with the binding of an anion, usually bicarbonate. It is responsible for the transport of iron from sites of absorption and heme degradation to those of storage and utilization. Serum transferrin may also have a further role in stimulating cell proliferation.[UniProtKB/Swiss-Prot Function]