

Product datasheet for MC203140

Ttr (NM_013697) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttr (NM_013697) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ttr
Synonyms:	AA408768; AI787086; D17860; prea; prealbumin
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC024702
 GTAGGTTACTTATTCCTTTTGTGACTAAGTCAATAATCAGAATCAGCAGTTTGGAGTCAGCTTGGC
 AGGGATCAGCAGCCTGGGTTGGAAGGAGGGGTATAAAAGCCCTTCACCAAGAGAAGCCGTCACACAGA
 TCCACAAGCTCCTGACAGGATGGCTTCCCTTCGACTCTTCTCCTTTGCCTCGCTGGACTGGTATTGTG
 TCTGAAGCTGGCCCGCGGGTGGTGGAGAATCCAATGCCTCTGATGGTCAAAGTCTGGATGCTGTCC
 GAGGCAGCCTGCTGTAGACGTGGCTGTAAAAGTGTCAAAAAGACCTCTGAGGGATCCTGGGAGCCCTT
 TGCCTCTGGGAAGACCGGGAGTCTGGAGAGCTGCACGGGCTCACCACAGATGAGAAGTTGTAGAAGGA
 GTGTACAGAGTAGAACTGGACACCAAATCGTACTGGAAGACTTGGCATTTCGCCGTTCCATGAATTCG
 CGGATGTGGTTTTACAGCCAACGACTCTGGCCATCGCCACTACCCATCGCAGCCCTGCTCAGCCATA
 CTCCTACAGCACCACGGCTGTCGTGAGCAACCCCAAGATTGAGAGACTCAGCCAGGAGGACCAGGATC
 TTGCCAAAGCAGTAGCATCCCATTGTACCAAAACAGGGTTTTTGTATTAACCGTGTAGCAGCTCA
 GGAAGATGCCGGGAAGCATTTTTATTAACCCCTGTTATTTCTTCAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:	RsrII-NotI
ACCN:	NM_013697
Insert Size:	800 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).



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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: [BC024702](#), [AAH24702](#)

RefSeq Size: 809 bp

RefSeq ORF: 800 bp

Locus ID: 22139

UniProt ID: [P07309](#)

Cytogenetics: 18 11.47 cM

Gene Summary: This gene encodes a carrier protein responsible for the transport of thyroid hormones and retinol. The protein consists of a tetramer of identical subunits. Due to increased stability of the tetramer form of this encoded protein in mouse, compared to the human protein, this gene product has a reduced tendency to form amyloid fibrils. In humans, this protein binds beta-amyloid preventing its aggregation and providing a neuroprotective role in Alzheimer's disease. [provided by RefSeq, Mar 2010]