

Product datasheet for RN210684

Ttr (NM_012681) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttr (NM_012681) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ttr
Synonyms:	Lr1; Tbpa; TT
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN210684 representing NM_012681 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTTCCCTTCGCTGTTCTCCTCTGCCTCGCTGGACTGATATTTGCGTCTGAAGCTGGCCCTGGGG
GTGCTGGAGAATCCAAGTGTCTCTGATGGTCAAAGTCTGGATGCTGTCCGAGGAGCCCTGCTGTCTCGA
TGTGGCCGTGAAAGTGTCAAAAAGACTGCAGACGGAAGCTGGGAGCCGTTTGCCTCTGGGAAGACCGCC
GAGTCTGGAGAGCTGCACGGCTCACCACAGATGAGAAGTTCACGGAAGGGGTGTACAGGGTAGAACTGG
ACACCAAATCGTACTGGAAGGCTTTGGCATTTCCTCCATGAATACGCAGAGGTGGTTTTTCACAGC
CAATGACTCTGGTCATCGCCACTACCCATCGCAGCCCTGCTCAGCCCGTACTCCTACAGCACCCTGCT
GTCGTCAGTAACCCCAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_012681
Insert Size:	444 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).



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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:	<ol style="list-style-type: none">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:	<u>NM_012681.2</u> , <u>NP_036813.2</u>
RefSeq Size:	701 bp
RefSeq ORF:	444 bp
Locus ID:	24856
UniProt ID:	<u>P02767</u>
Cytogenetics:	18p12
Gene Summary:	binds thyroxine (T4) and 3,5,3' triiodothyronine (T3); plays a role in thyroid hormone transport in serum [RGD, Feb 2006]