

Product datasheet for **RN200409**

Ubtf (NM_001105723) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ubtf (NM_001105723) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ubtf
Synonyms:	Tcfubf
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200409 representing NM_001105723
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAACGGAGAAGCCGACTGTCCCACAGACCTGGAATGGCCGCCCCAAAGGCCAAGACCCTGGTCCC
 AGGAAGATATGCTAACTTTGCTGGAATGCATGAAGAACAACCTTCCATCCAATGACAGCTCCAAGTTCAA
 GACCACAGAGTCGCATATGGACTGGGAAAAAGTCGCATTTAAGGATTTTTCAGGAGATATGTGCAAGCTC
 AAATGGGTGGAGATTTCTAACGAGGTAAGGAAGTTCGTAATTTGACAGAATTGATCCTTGATGCTCAGG
 AACATGTTAAAAACCTTACAAAGGCCAAAACTCAAGAAACACCCGGATTTTCAAAGAAACCTCTCAC
 CCCCTACTTCGCTTCTCATGGAGAAGCGGGCAAGTACGCGAACTCCACCCTGAGATGAGCAACCTG
 GACTTGACTAAGATCCTGTCTAAGAAATACAAGGAGCTTCCAGAGAAGAAGAAGATGAAATATATTCAGG
 ACTTCCAGAGGGAGAAACAGGAGTTCGAGCGAAACCTGGCCCGATTCCAGGGAGGATCACCTGACCTTAT
 CCAGAATGCCAAGAAGTCGGACATCCCCGAGAAGCCAAAACCTCCAGCAACTGTGGTACACCCATGAG
 AAGAAGGTGATCTCAAAGTGGCCCGGATGAGATTATGCGTGATTATATCCAGAAGCACCTGAGCTAA
 ACATCAGCGAGGAAGGTATCACCAAGTCTACCCTCACTAAGGCCGAACGCCAGCTCAAGGACAAATTTGA
 TGGACGACCCACCAAGCCACCTCCGAACAGCTACTCCCTGTACTGTGCGAGAGCTCATGGCAAATGAAG
 GATGTGCCCAGCAGAGCGCATGGTGCTATGCAGCCAGCAGTGGAAAGCTGCTCTCCAGAAGGAAAAGG
 ATGCTTATCACAAGAAGTGTGACCAGAAAAAGAAAGATTATGAAGTGGAGCTGCTGCGGTTCTTTGAGAG
 CTTGCCAGAGGAAGAGCAGCAGCGGGTCTGGGAGAGGAGAAGATGTTGAACATCAATAAGAAGCAGACC
 ACCAGTCCAGCCTCCAAGAAGCCTTACAGGAAGGTGGCAAAGGTGGTTCGGAGAAGCCAAAGCGGCCTG
 TGCTGCCATGTTTCATCTTCTCAGAGGAGAAGAGAAGGCAGCTTCCAGAGGAACGACCTGAGCTCTCAGA
 AAGTGAGCTGACCCGCTGCTGGCCCGCATGTGGAACGACTTGTCCGAGAAGAAGAAGGCTAAATATAAG
 GCCCGGAGGCCGCGCTGAAGGCACAGTCCGAGAGGAAGCCTGGCGGAGAGCGTGAAGATAGGGGCAAGT
 TGCCAGAGTCGCCAAGAGAGCTGAGGAGATCTGGCAGCAGAGTGTATCGGAGACTATCTGGCCCGCTT
 TAAGAATGACCGGTGAAAGCCTTGAAGCCATGGAGATGACGTGGAACAACATGGAGAAGAAGGAGAAG
 CTCATGTGGATTAAGAAGGCTGCAGAAGACCAAAAACGATATGAGAGAGAGTTAAGTGAAGATGCGGGCCC
 CTCAGCTGCTACGAACTCTTCCAAGAAGATGAAGTTCAGGGAGAGCCCAAGAAACCGCCTATGAACGG
 TTACCAGAAGTTCTCCAGGAGCTGCTGTCCAATGGGAACTAAATCACCTGCCACTCAAGGAGCGCATG
 GTGGAGATCGGCAGCCGTTGGCAGCGCATCTCCAGAGCCAGAAGGAGCACTATAAGAAGCTGGCTGAGG
 AACAGCAGAGGCAGTACAAGGTGCACTTGGACCTCTGGGTCAAGAGCCTATCTCCCAGGACCGCGCAGC
 ATACAAAAGAAATACATCTCCAATAAAGCTAAGAATGACTAAGCTTCGAGGCCAAACCCCAAGTCTAGC
 CGGACCACCTGCAGTCCAAGTCGGAGTCAGAGGAAGACGACGATGAGGAAGATGATGATGATGATGACG
 AGGAGGAAGAGGAAGATGATGAGAACGGCGACTCGTCCGAGGACGGTGGGGATTCTTCTGAGTCGAGCAG
 TGAAGATGAAAGCGAGGACGGGGATGAGAATGAGGATGATGACGACGACGAGGATGACGACGAGGATGAC
 GATGAGGATGAAGACAACGAGTCTGAGGGCAGTAGCTCCAGCTCCTCATCTTCAGGGGACTCCTCAGATT
 CTGACTCCAAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001105723
Insert Size: 2184 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:	<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_001105723.3, NP_001099193.2</u>
RefSeq Size:	4625 bp
RefSeq ORF:	2184 bp
Locus ID:	25574
UniProt ID:	<u>P25977</u>
Cytogenetics:	10q32.1
Gene Summary:	mediates transcription initiation by RNA polymerase I [RGD, Feb 2006] Transcript Variant: This variant (1) represents the shorter transcript and encodes the shorter protein (isoform 1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.