

Product datasheet for **RN200408**

Ubtf (NM_001127690) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ubtf (NM_001127690) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ubtf
Synonyms:	Tcfubf
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN200408 representing NM_001127690
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAACGGAGAAGCCGACTGTCCCACAGACCTGAAAATGGCCGCCCCAAAGGCCAAGACCCTGGTCCC
 AGGAAGATATGCTAACTTTGCTGGAATGCATGAAGAACAACCTTCCATCCAATGACAGCTCCAAGTTCAA
 GACCACAGAGTCGCATATGGACTGGGAAAAAGTCGCATTTAAGGATTTTTAGGAGATATGTGCAAGCTC
 AAATGGGTGGAGATTTCTAACGAGGTAAGGAAGTTCCTACTTTGACAGAATTGATCCTTGATGCTCAGG
 AACATGTTAAAAACCTTACAAAGGCCAAAACTCAAGAAACACCCGGATTTTCAAAGAAACCTCTCAC
 CCCCTACTTCGCTTCTCATGGAGAAGCGGGCAAGTACGCGAACTCCACCCTGAGATGAGCAACCTG
 GACTTGACTAAGATCCTGTCTAAGAAATACAAGGAGCTTCCAGAGAAGAAGAAGATGAAATATATTCAGG
 ACTTCCAGAGGGAGAAACAGGAGTTCGAGCGAAACCTGGCCCGATTCCAGGGAGGATCACCTGACCTTAT
 CCAGAATGCCAAGAAGTCGGACATCCCCGAGAAGCCAAAACCTCCAGCAACTGTGGTACACCCATGAG
 AAGAAGGTGTATCTCAAAGTGGCCCGGATGCCACTACGAAGGAGGTGAAGGACTCCCTGGGGAAGCAGT
 GGTCTCAGCTCTCGGACAAAAAGAGGCTGAAATGGATTATAAGGCCCTGGAGCAGCGGAAGGAGTACGA
 GGAGATTATGCGTGATTATCCAGAAGCACCTGAGCTAAACATCAGCGAGGAAGGTATCACCAAGTCT
 ACCCTCACTAAGGCCGAACGCCAGCTCAAGGACAAATTTGATGGACGACCCACCAAGCCACCTCCGAACA
 GCTACTCCCTGTACTGTGCAGAGCTCATGGCAACATGAAGGATGTGCCAGCACAGAGCGCATGGTGCT
 ATGCAGCCAGCAGTGAAGCTGCTCTCCAGAAGGAAAAGGATGCTTATCACAAGAAGTGTGACCAGAAA
 AAGAAAGATTATGAAGTGGAGCTGCTGCGGTTCCCTTGAGAGCTTGCCAGAGGAAGAGCAGCAGCGGGTCC
 TGGGAGAGGAGAAGATGTTGAACATCAATAAGAAGCAGACCACCTCCAGCCTCAAGAAGCCTTCACA
 GGAAGGTGGCAAAGGTGGTTCGGAGAAGCCAAAGCGGCCCTGTGTCTGCCATGTTTCACTTCTCAGAGGAG
 AAGAGAAGGCAGCTTCAGGAGGAACGACCTGAGCTCTCAGAAAAGTGAAGTGAAGTGAAGTGAAGTGAAG
 TGTGGAACGACTTGTCCGAGAAGAAGAAGGCTAAATATAAGGCCCGGGAGGCCGCGCTGAAGGCACAGTC
 CGAGAGGAAGCCTGGCGGAGAGCGTGAAGATAGGGGCAAGTTGCCAGAGTCGCCAAGAGAGCTGAGGAG
 ATCTGGCAGCAGAGTGCATCGGAGACTATCTGGCCCGCTTAAAGATGACCGGGTGAAGCCTTGAAG
 CCATGGAGATGACGTGGAACAACATGGAGAAGAAGGAGAAGCTCATGTGGATTAAGAAGGCTGCAGAAGA
 CAAAAACGATATGAGAGAGAGTTAAGTGAAGTGCAGGCCCCCTCCAGCTGCTACGAACTTCCAAAGAAG
 ATGAAGTTCAGGAGAGCCCAAGAAACCGCCTATGAACGGTTACCAGAAGTTCTCCAGGAGCTGCTGT
 CCAATGGGAACTAAATCACCTGCCACTCAAGGAGCGCATGGTGGAGATCGGCAGCCGTTGGCAGCGCAT
 CTCCCAGAGCCAGAAGGAGCACTATAAGAAGCTGGCTGAGGAACAGCAGAGGCAGTACAAGTGAAGTGA
 GACCTCTGGGTCAAGAGCCTATCTCCCCAGGACCGCGCAGCATACAAAGAATACATCTCCAATAAACGTA
 AGAACATGACTAAGCTTCGAGGCCAAACCCCAAGTCTAGCCGGACCCCTGCAGTCCAAGTCCGGAGTC
 AGAGGAAGACGACGATGAGGAAGATGATGATGATGATGACGAGGAGGAAGAGGAAGATGATGAGAACGGC
 GACTCGTCCGAGGACGGTGGGGATTCTTCTGAGTCGAGCAGTGAAGATGAAAGCGAGGACGGGGATGAGA
 ATGAGGATGATGACGACGACGAGGATGACGACGAGGATGACGATGAGGATGAAGACCAACGAGTCTGAGGG
 CAGTAGCTCCAGCTCCTCATCTTCAGGGGACTCCTCAGATTCTGACTCCAAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001127690
Insert Size: 2295 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_001127690.2</u> , <u>NP_001121162.1</u>
RefSeq Size:	4736 bp
RefSeq ORF:	2295 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 (2) includes an alternate exon in the coding region compared to variant 1. The resulting protein (isoform 2) is longer but has the same N- and C-termini compared to 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.