

Product datasheet for SC212216

TFIIA2 (GTF2A2) (NM_004492) Human 3' UTR Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | 3' UTR Clones |
| Product Name: | TFIIA2 (GTF2A2) (NM_004492) Human 3' UTR Clone |
| Symbol: | TFIIA2 |
| Synonyms: | HsT18745; T18745; TF2A2; TFIIA; TFIIA-12; TFIIA-gamma; TFIAS |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_004492 |
| Insert Size: | 1100 bp |
| Insert Sequence: | >SC212216 3'UTR clone of NM_004492 The sequence shown below is from the reference sequence of NM_004492. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site |

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAAAATACTGGCTCCAATACTACAGAATGAATAGAAAAAATGACTTTTTTACACCATCTTCTGTTAT
TCATTGCTTTTGAAGAGAAGCATAGAAGAGACTTTTTATTATTCTAGAATTGCAGAAATGACTACACT
GTGCTATACCAGAGAATCCAGTAGAAAAGAACTTGTAACCTCTGTAGCCTTACATCACCTTTATTAT
ACAGCATGAAAAACCATAACTTTTTTTAAGGACAAAAGTTGTTGCCTTCTAAGAACCTTCTTTAATA
AACTCATTTTAAACTCTGAGTAATAACTGGTGAAGCTATTAAGGTAGCAATATGAAGATATTAGATAA
TGCAATTTCCATTTCCCTTTGCAAGGAACATGATGCCCTTTCAGAATGCTTATTTCAATAAAGTCATGT
TTTGTCAGTTGTAACCTTACCTGATGAAAGCATCAGCAGGGGCAAAACCAAACTCTGGATGGAATTTTT
TAAGAAAATCCCTTGCTTTTTAAATACAAAACCAAAAGTTAATCATTGGTATAAAAAACCAAGTACA
ACTTGATTAGGAAAAGTTAGACAATCATAGCAAAAACAAACCAAAAACTTTCCCTTCTTAGACCAGGT
AACATGAGGAAGGGGAAAAAAACCAAAACAAATAGTCCCCCAGATGACAGGTGTCTTCAGCTTGCC
ATATTGATCCAAAGTTCATACATTTTATCATGTACAAGATACATTAGACTTACAATAAAGTCTAATTAT
TAGACTTTTATGTCAGTGGATTGTGCTTGCAAGAAATACAGAAGTAACATACTGACCTAGGTGAGGAGT
TTCTTACATGGTTAACTGGATTGACCCAATTGGAGTAAAAGATTTTGGCTTTACCTCGATGCTCCCTGC
AGTTGTTACCTCAGCATGCCACTGTAGTCTTACTCTCACATTAATAACTAACTTTGGCTAGGTAAGTGG
TGGCTCACACCTGTAAGTAATCCAGTACTTTAGGAGGCTGAGACTGGAGGATTACTTGAGTCCAGGAG
TTGGAGACCAGCCTGGCCAATATAGACTGTCCCTACAAAGAAAATAAAATTGTTTCATCTTCCAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites: Sgfl-MluI



[View online >](#)

| | |
|------------------------|---|
| OTI Disclaimer: | Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs). |
| Components: | The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials. |
| RefSeq: | NM_004492.3 |
| Summary: | Accurate transcription initiation on TATA-containing class II genes involves the ordered assembly of RNA polymerase II (POLR2A; MIM 180660) and the general initiation factors TFIIA, TFIIB (MIM 189963), TFIID (MIM 313650), TFIIE (MIM 189962), TFIIF (MIM 189968), TFIIG/TFIJ, and TFIIH (MIM 189972). The first step involves recognition of the TATA element by the TATA-binding subunit (TBP; MIM 600075) and may be regulated by TFIIA, a factor that interacts with both TBP and a TBP-associated factor (TAF; MIM 600475) in TFIID. TFIIA has 2 subunits (43 and 12 kD) in yeast and 3 subunits in higher eukaryotes. In HeLa extracts, it consists of a 35-kD alpha subunit and a 19-kD beta subunit encoded by the N- and C-terminal regions of GTF2A1 (MIM 600520), respectively, and a 12-kD gamma subunit encoded by GTF2A2 (DeJong et al., 1995 [PubMed 7724559]).[supplied by OMIM, Mar 2008] |
| Locus ID: | 2958 |
| MW: | 42.5 |