

## Product datasheet for **SC201098**

### **NACA (NM\_005594) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	NACA (NM_005594) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NACA
Synonyms:	HSD48; NAC-alpha; NACA1; skNAC
ACCN:	NM_005594
Insert Size:	141 bp
Insert Sequence:	>SC201098 3'UTR clone of NM_005594 The sequence shown below is from the reference sequence of NM_005594. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GTAAATGCGATTATGGAATTAACAATGTAAACCATATGGAAGCAACTTTTTTGGTGTCTCAAAGGAGTA ACTGCAGCTTGGTTTGAATTTGACTGTTTCTATCATAAATAAAGTTATGGCTTCTTGTGGATGAAT TCA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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:	<u><a href="#">NM_005594.6</a></u>



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**Summary:**

This gene encodes a protein that associates with basic transcription factor 3 (BTF3) to form the nascent polypeptide-associated complex (NAC). This complex binds to nascent proteins that lack a signal peptide motif as they emerge from the ribosome, blocking interaction with the signal recognition particle (SRP) and preventing mistranslocation to the endoplasmic reticulum. This protein is an IgE autoantigen in atopic dermatitis patients. Alternative splicing results in multiple transcript variants, but the full length nature of some of these variants, including those encoding very large proteins, has not been determined. There are multiple pseudogenes of this gene on different chromosomes. [provided by RefSeq, Feb 2016]

**Locus ID:**

4666

**MW:**

5.3