

## **Product datasheet for SC201099**

## NACA (NM 001113202) Human 3' UTR Clone

**Product data:** 

**Product Type:** 3' UTR Clones

Product Name: NACA (NM\_001113202) Human 3' UTR Clone

**Vector:** pMirTarget (PS100062)

Symbol: NACA

Synonyms: HSD48; NAC-alpha; NACA1; skNAC

**ACCN:** NM\_001113202

**Insert Size:** 141 bp

Insert Sequence: >SC201099 3'UTR clone of NM\_001113202

The sequence shown below is from the reference sequence of NM\_001113202. The complete

sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG

TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC

ICA

CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

**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.

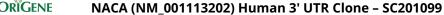
**RefSeg:** NM 001113202.2



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ORIGENE

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