

## Product datasheet for **SC200458**

### NACAD (NM\_001146334) Human 3' UTR Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | 3' UTR Clones   |
| Product Name:             | NACAD (NM_001146334) Human 3' UTR Clone   |
| Symbol:                   | NACAD   |
| Mammalian Cell Selection: | Neomycin  |
| Vector:                   | pMirTarget (PS100062)   |
| ACCN:                     | NM_001146334  |
| Insert Size:              | 102 bp  |
| Insert Sequence:          | >SC200458 3'UTR clone of NM_001146334<br>The sequence shown below is from the reference sequence of NM_001146334. The complete sequence of this clone may contain minor differences, such as SNPs.<br><b>Blue</b> =Stop Codon <b>Red</b> =Cloning site<br><br>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG<br>TAACAATTGGCAGAGCTCAGAATTCAA <b>CGCATCGCC</b><br>GTCAACGCCATCATGGAAGTACCATGT <b>AG</b> CCACTGACCGGAAGCTGGAGCCATCTACGCCTTCCCTC<br>AGCTCTGCTACTCAATAAATCGGTGTCCCTTCA<br><b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA<br>CGAGATTCGATTCCACCGCCCTTCTATGAAAGG |
| Restriction Sites:        | Sgfl-MluI   |
| 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:                   | <a href="#">NM_001146334.2</a>  |



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**Summary:** May prevent inappropriate targeting of non-secretory polypeptides to the endoplasmic reticulum (ER). May bind to nascent polypeptide chains as they emerge from the ribosome and block their interaction with the signal recognition particle (SRP), which normally targets nascent secretory peptides to the ER. May also reduce the inherent affinity of ribosomes for protein translocation sites in the ER membrane (M sites) (By similarity).[UniProtKB/Swiss-Prot Function]

**Locus ID:** 23148

**MW:** 3.5