

Product datasheet for **RN200007**

Sinhcaf (NM_001134711) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sinhcaf (NM_001134711) Rat Untagged Clone
Tag: Tag Free
Symbol: Sinhcaf
Synonyms: Fam60a; MGC187734
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RN200007 representing NM_001134711.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGCATCGCC
ATGTTTGGTTTT CACAAGCCAAAGATGTACCGAAGTATAGAAGGCTGCTGTATCTGCAGAGCCAAGTCC
TCCAGTCTCGGTT CACGGACAGCAAGCGCTATGAGAAGGACTTCCAGAGCTGCTTTGGGCTGCATGAG
ACTCGCTCAGGAGACATCTGCAACGCCTGTGTGCTGCTTGTGAAAAGATGGAAGAAGCTGCCGCGAGGA
TCCAAAAAACTGGAATCACGTCGTAGATGCAAGAGCAGGCCCCAGTCTAAAGACAACACTGAAACCA
AAGAAAGTGAAGACTCTGTCTGGAACAGGATGAAAAGCAGCCAGATCAGTAAGCTGCAGAAGGAGTTT
AAACGCCACAATTCTGATGCTCATAGCACACCTCAAGTGCCTCTCCAGCCAGTCTCCATGCTATAGT
AACCAGTCAGACGAGGGCTCAGATACAGAGATGGCTTCCAGCTCTAATAGAACTCCGGTTTTTTCCTTC
TTAGATCTTACCTACTGGAAAAGACAGAAAATATGTTGTGGGATCATCTATAAGGGCCGTTTTGGGGAA
GTCCATCGACTCATCTCTTCAAGCCTTGCTGCAGCAGTAAGAAAAGCTGCTGCCGAGAAGCCAGAG
GAGCAGGCCCCAGCGCCTCTGCCATCTCCACTCAGGAGTGGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
```

Protein Sequence: MFGFHKPKMYRSIEGCCICRAKSSSRFTDSKRYEKDFQSCFGLHETRSGLICNACVLLVCRWKKLPAG
 SKKNWNHVVDARAGPSLKTTLKPKVKVTLSGNRMKSSQISKLQKEFKRHNSDAHSTTSSASPAQSPCYS
 NQSDGSDTEMASSNRTPVFSFLDLTYWKRQKICCGIIYKGRFGEVLIDTHLFPCCSSKAAAEEKPE
 EQAPAPLPISTQEW*
TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Fully Sequenced ORF: >RN200007 representing NM_001134711
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTTGGTTTTCAAGCCAAAGATGTACCGAAGTATAGAAGGCTGCTGTATCTGCAGAGCCAAGTCCT
CCAGCTCTCGTTTACGGACAGCAAGCGCTATGAGAAGGACTTCCAGAGCTGCTTTGGGCTGCATGAGAC
TCGCTCAGGAGACATCTGCAACGCCTGTGTGCTGCTTGTGAAAAGATGGAAGAAGCTGCCGCGAGGATCC
AAAAAACTGGAATCACGTCGTAGATGCAAGAGCAGGCCCCAGTCTAAAGACAACACTGAAACCAAAGA
AAGTGAAGACTCTGTCTGAAAACAGGATGAAAAGCAGCCAGATCAGTAAGCTGCAGAAGGAGTTAAACG
CCACAATTCTGATGCTCATAGCACCACCTCAAGTGCCTCTCCAGCCAGTCTCCATGCTATAGTAACCAG
TCAGACGAGGGCTCAGATACAGAGATGGCTTCCAGCTCTAATAGAAGTCCGGTTTTTCTTCTTAGATC
TTACCTACTGAAAAGACAGAAAATATGTTGTGGGATCATCTATAAGGGCCGTTTTGGGGAAGTCCTCAT
CGACACTCATCTTCAAGCCTTGTGTCAGCAGTAAGAAAAGCTGCTGCCGAGAAGCCAGAGGAGCAGGCC
CCAGCGCCTCTGCCATCTCCACTCAGGAGTGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001134711

Insert Size: 666 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:

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: [NM_001134711.1](#)

RefSeq Size: 2781 bp

RefSeq ORF: 666 bp

Locus ID: 686611

Cytogenetics: 4q44

MW: 24.8 kDa