

Product datasheet for **SC207887**

Calreticulin (CALR) (NM_004343) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Calreticulin (CALR) (NM_004343) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CALR
Synonyms: cC1qR; CRT; HEL-S-99n; RO; SSA
ACCN: NM_004343
Insert Size: 606 bp
Insert Sequence: >SC207887 3'UTR clone of NM_004343
The sequence shown below is from the reference sequence of NM_004343. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTCCCCGGCCAGGCCAAGGACGAGCTGTAGAGAGGCTGCCTCCAGGGCTGGACTGAGGCCTGAGCGCT
CTGCCGCGAGAGCTGGCCGCGCCAAATAATGTCTCTGTGAGACTCGAGAAGTTTCAATTTTTTCCAGGC
TGGTTCGATTTGGGGTGGATTTGGTTTTGTTCCCTCCTCCACTCTCCCCACCCCTCCCCGCCCT
TTTTTTTTTTTTTTTTAAACTGGTATTTTATCTTTGATTCTCCTTCAGCCCTCACCCCTGGTTCTCAT
CTTTCTTGATCAACATCTTTTCTGCCTCTGTCCCTTCTCTCATCTTAGCTCCCTCCAACCTGGG
GGGCAGTGGTGTGGAGAAGCCACAGGCTGAGATTTTCTGCTCTCCTTCTGGAGCCAGAGGAGGG
CAGCAGAAGGGGGTGGTGTCTCCAACCCCGAGCACTGAGGAAGAACGGGGCTTCTCATTTCACCCC
TCCCTTCTCCCTGCCCGAGGACTGGCCACTTCTGGGTGGGGCAGTGGGTCCCAGATTGGCTCACA
CTGAGAATGTAAGAACTACAAACAAAATTTCTATTAATTAATTTTGTGTCTC
ACGCGTAAGCGCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-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.



[View online »](#)

RefSeq: [NM_004343.4](#)

Summary: Calreticulin is a highly conserved chaperone protein which resides primarily in the endoplasmic reticulum, and is involved in a variety of cellular processes, among them, cell adhesion. Additionally, it functions in protein folding quality control and calcium homeostasis. Calreticulin is also found in the nucleus, suggesting that it may have a role in transcription regulation. Systemic lupus erythematosus is associated with increased autoantibody titers against calreticulin. Recurrent mutations in calreticulin have been linked to various neoplasms, including the myeloproliferative type.[provided by RefSeq, May 2020]

Locus ID: 811

MW: 22.3