

Product datasheet for **SC208544**

CHAC2 (NM_001008708) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CHAC2 (NM_001008708) Human 3' UTR Clone
Symbol:	CHAC2
Synonyms:	GCG1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001008708
Insert Size:	701 bp
Insert Sequence:	>SC208544 3'UTR clone of NM_001008708 The sequence shown below is from the reference sequence of NM_001008708. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GAAGGGAAACAGAACCTCAATTGCATAAATTTAGTCTTCAGAGAATTAAGTTCAGTGCACAATGACAA
TATGATTTGGAATACGTTTACTTAAAGATCTTATTTTAAATGTAGTGAGGATATTATTTAACTTTTA
TTTTAACTGGAAATGTCCTGAAACACATATTTAAATATTGGGATACAGTGAAAGAAAAATTCAAATTT
TAATAACATAAAGATTTCTAACTTTATGTTATTGAACACTTACTCACTAGAAGTGAGTTCTTTAGAAA
AATACAGTGAAGGACTCAGTTCAGTCTTGTATTCAGAGTGATAATCATCCTGTTTCACATCCCAAT
ACTATTTTGAAATTCTAAACAATTAAACCAAAATTCCAATAAATAAAGTTATGCCTTCAATATATTC
CTATACAATTCTGTAACCATGGTTTAAATACACAAGCTTAAATAACATGCTTAGAAATACACAATAA
TATGAACAGTATTTGAGCCTTAATTGTGAATTTCTTGTATTCAAGTATTAAATGAAATCTTTGAGT
TTTTAGCCAAAATTGGCATTTTTAAATACGAAAATTTCTTGGAAATTATAATGTACTGTACCTCTTC
TTTTTAAATAAAGGCATTTTACTATATGGAATAAATCACTAAAGCATAAATTACATTATACAAATC
ATGATCACTAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACGCCGCTTCTATGAAAGG
  
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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).


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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:	NM_001008708.4
Summary:	The protein encoded by this gene is a gamma-glutamyl cyclotransferase that catalyzes the conversion of glutathione to 5-oxoproline and cysteinylglycine. It is thought that this gene is upregulated in response to endoplasmic reticulum stress and that the glutathione depletion enhances apoptosis. [provided by RefSeq, Sep 2016]
Locus ID:	494143
MW:	28.1