

Product datasheet for **SC330365**

CTHRC1 (NM_001256099) Human Untagged Clone

Product data:

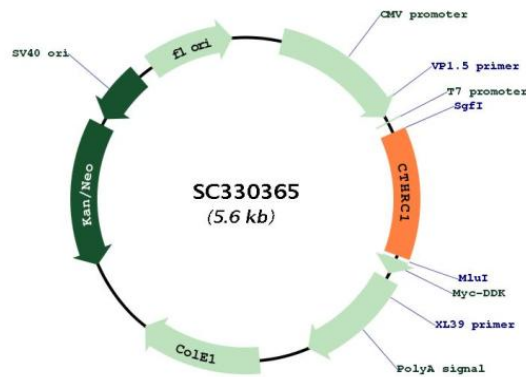
Product Type: Expression Plasmids
Product Name: CTHRC1 (NM_001256099) Human Untagged Clone
Tag: Tag Free
Symbol: CTHRC1
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330365 representing NM_001256099.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGTGGCCGCCAGGTAGGAGCATCACAGTCAAGCTACGGGAGAAAACAGTTTCCAGGAACTGGAAATG
AACGGCCCGAGTGCTTTCCAGGGGCTCATCTGTGGGAAGTATAATGGAATGTGCTTACAAGGCCAGCA
GGAGTGCCTGGTCGAGACGGGAGCCCTGGGGCCAATGGCATTCCGGGTACACCTGGGATCCCAGGTCGG
GATGGATCAAAGGAGAAAAGGGGAATGTCTGAGGGAAAGCTTTGAGGAGTCTGGACACCCAACACTAC
AAGCAGTGTTCATGGAGTTCATTGAATTATGCCATAGATCTTGGGAAAATTGCGGAGTGTACATTTACA
AAGATGCGTTCAAATAGTGCTCTAAGAGTTTTGTTTCAGTGGCTCACTTCGGCTAAAATGCAGAAAATGCA
TGCTGTCAGCGTTGGTATTTACATTCAATGGAGCTGAATGTTTCAGGACCTCTTCCCATTGAAGCTATA
ATTTATTTGGACCAAGGAAGCCCTGAAATGAATCAACAATTAATATTCATCGCACTTCTTCTGTGGAA
GGACTTTGTGAAGGAATTGGTGTGGATTAGTGGATGTTGCTATCTGGGTTGGTACTTGTTCAGATTAC
CCAAAAGGAGATGCTTCTACTGGATGGAATTCAGTTTCTCGCATCATTATTGAAGAACTACCAAAATAA
```

Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001256099

Insert Size: 690 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_001256099.1](#)

RefSeq Size: 1214 bp

RefSeq ORF: 690 bp

Locus ID: 115908

UniProt ID: [Q96CG8](#)

Cytogenetics: 8q22.3

Protein Families: Secreted Protein

MW: 24.8 kDa

Gene Summary: This locus encodes a protein that may play a role in the cellular response to arterial injury through involvement in vascular remodeling. Mutations at this locus have been associated with Barrett esophagus and esophageal adenocarcinoma. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jan 2012]
Transcript Variant: This variant (2) differs in the 5' UTR, contains an alternate in-frame 5' terminal exon, and uses an alternate start codon, compared to variant 1. Isoform 2 has a shorter N-terminus, compared to isoform 1.