

Product datasheet for **SC310604**

CTHRC1 (NM_138455) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CTHRC1 (NM_138455) Human Untagged Clone
Tag:	Tag Free
Symbol:	CTHRC1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_138455 edited CTGCGGCGGCCTCGGAGCGGGGAGCCAGACGCTGACCACGTTCTCTCTCGGTCTC CTCCGCTCCAGCTCCGCGCTGCCGCGCAGCCGGGAGCCATGCGACCCAGGGCCCGCC GCCTCCCGCAGCGGCTCCGCGGCTCCTGCTGCTCCTGCTGCTGAGCTGCCCGCGCC TCGAGCGCCTCTGAGATCCCAAGGGGAAGCAAAAGGCGCAGCTCCGGCAGAGGGAGGTG GTGGACCTGTATAATGGAATGTGCTTACAAGGGCCAGCAGGAGTGCCTGGTTCGAGACGGG AGCCCTGGGGCAATGGCATTCCGGGTACACCTGGGATCCAGGTCCGGATGGATTCAA GGAGAAAAGGGGAATGTCTGAGGAAAGCTTTGAGGAGTCTGGACACCCAACTACAAG CAGTGTTCATGGAGTTCATTGAATTATGGCATAGATCTTGGGAAAATTGCGGAGTGTACA TTTACAAAAGATGCGTTCAAATAGTGTCTAAGAGTTTTGTTTCAAGTGGCTCACTTCGGCTA AAATGCAGAAATGCATGCTGTGAGCGTTGGTATTTACATTCAATGGAGCTGAATGTTCA GGACCTTTCCCATTTGAAGCTATAATTTATTTGGACCAAGGAAGCCCTGAAATGAATTC ACAATTAATATTCATCGCACTTCTTCTGTGGAAGGACTTTGTGAAGGAATTGGTGTGGA TTAGTGGATGTTGCTATCTGGGTTGGCACTTGTTCAGATTACCCAAAAGGAGATGCTTCT ACTGGATGGAATTCAGTTTCTCGCATCATTATTGAAGAACTACCAAAAATAATGCTTTAA TTTTCATTTGCTACCTCTTTTTTATTATGCCTTGGAAATGGTTCACTTAAATGACATTTT AAATAAGTTTATGTATACATCTGAATGAAAAGCAAAGCTAAATATGTTTACAGACCAAAG TGTGATTTCACTGTTTTTAAATCTAGCATTATTCATTTTGTTCATCAATCAAAGTGGTT TCAATATTTTTTTAGTTGGTTAGAATACTTTCTCATAGTCACATTCTCTCAACCTATA ATTTGGAATATTGTTGTGGTCTTTTGTTTTTTCTTTAGTATAGCATTTTTAAAAAATA TAAAAGCTACCAATCTTTGTACAATTTGTAATGTTAAGAATTTTTTTTATATCTGTTAA ATAAAAATTTTCCAACAAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	Please inquire
ACCN:	NM_138455
Insert Size:	1200 bp



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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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_138455.2.
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:	<ol style="list-style-type: none">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:	<u>NM_138455.2</u> , <u>NP_612464.1</u>
RefSeq Size:	1236 bp
RefSeq ORF:	732 bp
Locus ID:	115908
UniProt ID:	<u>Q96CG8</u>
Cytogenetics:	8q22.3
Protein Families:	Secreted Protein
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>