

Product datasheet for **SC334766**

CTRP5 (C1QTNF5) (NM_001278431) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CTRP5 (C1QTNF5) (NM_001278431) Human Untagged Clone
Tag:	Tag Free
Symbol:	CTRP5
Synonyms:	CTRP5; MFRP
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001278431, the custom clone sequence may differ by one or more nucleotides

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ATGAGGCCACTCCTCGTCTGCTCCTGGGCCTGGCGCCGGCTCGCCCCACTGGACGACAACAAGA
TCCCCAGCCTCTGCCCGGGGCACCCGGCCTTCCAGGCACGCCGGGCCACCATGGCAGCCAGGGCTTGC
GGGCCGCGATGGCCGCGACGGCCGCGACGGCGCGCCCGGGCTCCGGGAGAGAAAGGCGAGGGCGGGAGG
CCGGGACTGCCGGGACCTCGAGGGGACCCGGGCCGCGAGGAGAGCGGGACCCGCGGGGCCACCGGGC
CTGCCGGGAGTCTCGGTGCCTCCGCGATCCGCCTTCAGCGCCAAGCGCTCCGAGAGCCGGGTGCCTCC
GCCGTCTGACGCACCCTTGCCCTTCGACCGCGTCTGGTGAACGAGCAGGACATTACGACGCCGTACCC
GGCAAGTTCACCTGCCAGGTGCCTGGGGTCTACTACTTCGCCGTCCATGCCACCCTTACCGGGCCAGCC
TGCAAGTTGATCTGGTGAAGAATGGCGAATCCATTGCCTTTTCTCCAGTTTTTCGGGGGGTGGCCCAA
GCCAGCCTCGCTCTCGGGGGGGGCCATGGTGAGGCTGGAGCCTGAGGACCAAGTGTGGGTGCAGGTGGGT
GTGGGTGACTACATTGGCATCTATGCCAGCATCAAGACAGACAGCACCTTCTCCGGATTTCTGGTGTACT
CCGACTGGCACAGCTCCCCAGTCTTTGCTTAG
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001278431
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).



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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_001278431.1](#), [NP_001265360.1](#)

RefSeq Size: 1361 bp

RefSeq ORF: 732 bp

Locus ID: 114902

UniProt ID: [Q9BXJ0](#)

Cytogenetics: 11q23.3

Protein Families: Secreted Protein

Gene Summary: This gene encodes a member of a family of proteins that function as components of basement membranes and may play a role in cell adhesion. Mutations in this gene have been associated with late-onset retinal degeneration. The protein may be encoded by either a bicistronic transcript including sequence from the upstream membrane frizzled-related protein gene (MFRP), or by a monocistronic transcript expressed from an internal promoter. [provided by RefSeq, Jun 2013]

Transcript Variant: This variant (2) lacks multiple 5' exons and represents use of an internal promoter, compared to variant 1. This variant is a monocistronic transcript that only encodes the C1QTNF5 protein. Both variants 1 and 2 encode the same protein.