

Product datasheet for **SC213454**

C Reactive Protein (CRP) (NM_000567) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: C Reactive Protein (CRP) (NM_000567) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CRP
Synonyms: PTX1
ACCN: NM_000567
Insert Size: 1266 bp
Insert Sequence: >SC213454 3'UTR clone of NM_000567
The sequence shown below is from the reference sequence of NM_000567. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
GTGTTACACAAACCCAGCTGTGGCCTCAGGCCAGCTGTGGTCTCTGAAGGTACCTCCCGGTTTTTT
ACACCGCATGGGCCCCAGTCTCTGTCTCTGGTACCTCCCGCTTTTTTACTACTGCATGGTCCCAGTTC
TCTGTCTCTGGCCTTTGTTCCCTATATGCATTGCAGGCCTGCTCCACCCTCCTCAGCGCTGAGAAT
GGAGGTAAGTGTCTGGTCTGGGAGCTCGTAACTATGCTGGGAAACGGTCCAAAAGAATCAGAATTTG
AGGTGTTTTGTTTTCAATTTTATTTCAAGTTGGACAGATCTTGGAGATAATTTCTTACCTCACATAGAT
GAGAAAATAACACCCAGAAAGGAGAAATGATGTTATAAAAACTCATAAGGCAAGAGCTGAGAAGGAA
GCGCTGATCTTCTATTTAATTTCCCAACCCATGACCCCAAGAAAGCAGGAGGGCATTGCCACATTCACA
GGGCTCTTCAGTCTCAGAATCAGGACACTGGCCAGGTGTCTGGTTGGGTCCAGAGTGCTCATCATCAT
GTCATAGAACTGCTGGGCCAGGTCTCCTGAAATGGGAAGCCAGCAATACCACGCAGTCCCTCCACTT
TCTCAAAGCACACTGAAAGGCCATTAGAATTGCCCCAGCAGAGCAGATCTGCTTTTTTTCCAGAGCAA
AATGAAGCACTAGGTATAAATATGTTGTTACTGCCAAGAACTTAAATGACTGGTTTTTTGTTGCTTGCA
GTGCTTTCTTAATTTTATGGCTCTTCTGGGAAACTCCTCCCTTTTCCACACGAACCTTGTGGGGCTGT
GAATTCCTTTCTTATCCCGCATTCCCAATATACCCAGGCCACAAGAGTGGACGTGAACACAGGGTGT
CCTGTCAGAGGAGCCCATCTCCCATCTCCCAAGCTCCCTATCTGGAGGATAGTTGGATAGTTACGTGTT
CCTAGCAGGACCAACTACAGTCTTCCCAAGGATTGAGTTATGGACTTTGGGAGTGAGACATCTTCTTGC
TGCTGGATTTCCAAGCTGAGAGGACGTGAACCTGGGACCACCAAGTAGCCATCTTGTGTTGCCACATGGAG
AGAGACTGTGAGGACAGAAGCCAAACTGGAAGTGGAGGAGCCAAGGGATTGACAAACAACAGAGCCTTG
ACCACGTGGAGTCTCTGAATCAGCCTTGCTGGAACCAGATCTACACCTGGACTGCCAGGTCTATAAG
CCAATAAAGCCCTGTTTACTTGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul



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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.
RefSeq:	NM_000567.3
Summary:	The protein encoded by this gene belongs to the pentraxin family which also includes serum amyloid P component protein and pentraxin 3. Pentraxins are involved in complement activation and amplification via communication with complement initiation pattern recognition molecules, but also complement regulation via recruitment of complement regulators. The encoded protein has a calcium dependent ligand binding domain with a distinctive flattened beta-jellyroll structure. It exists in two forms as either a pentamer in circulation or as a nonsoluble monomer in tissues. It is involved in several host defense related functions based on its ability to recognize foreign pathogens and damaged cells of the host and to initiate their elimination by interacting with humoral and cellular effector systems in the blood. Consequently, the level of this protein in plasma increases greatly during acute phase response to tissue injury, infection, or other inflammatory stimuli. Elevated expression of the encoded protein is associated with severe acute respiratory syndrome coronavirus 2 (SARS‐CoV‐2) infection. [provided by RefSeq, Aug 2020]
Locus ID:	1401
MW:	47.2