

Product datasheet for **RC226202**

CCHCR1 (NM_001105563) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCHCR1 (NM_001105563) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CCHCR1
Synonyms:	C6orf18; HCR; pg8; SBP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC226202 representing NM_001105563
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGGCCACATTACAGCTGGGGCCAGGCCCTTGGGCCAGCACTTTAACAGGGAAGGACCCAAGAGTCAATGG
 CCTGCTGGTGTCTGGATGGGCTTCCCTCAGGCCTTGTCTGAGCCATGGAGAGAACTCTGGAGATGGCGCTC
 AAGACCCCTGCACTGTGTACCTCTTTCTCACCTCTGGCCAGGAGCAGCAGGGACCATAGAACTTAAGG
 AGGAGGGGAACATAGATGGCTGGAGACAGAATCTAGAGCCTTCAAATAATGTGGAGATGTTTCCACCTT
 CAGGCCATCAAGATGTCTCAGAGAGGGCTAGACACCCAGAGACCTCAAGTGACCATGTGGAAACGGGA
 TGTTCACAGTGACAGGCAGGAGCCAGGGCGGAGAGGCAGGTCTGGGGCTGGAGGGGTACAGGGCCCTG
 AGCCAGCAGGCTGAGGTGATCGTTCGGCAGCTGCAAGAGCTGCGGCGGCTGGAGGAGGAGTCCGGCTCC
 TCGGGGAGACCTCGCTGCAGCAGAAGATGAGGCTAGAGGCCAGGCCATGGAGCTAGAGGCTCTGGCAGC
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 CTTTGACACAGGCTCACGAGGAGGCTCTTTCCAGTTTGACCAGCAAGGCTGAGGGCTTGGAGAACTCTCT
 GAGTAGTCTGAAACAGAAAGAGCAGGGGAAGCCAAGGAGCTGGCCGAGGCTCAGAGGGAGGCCGAGCTG
 CTTGGAAGCAGCTGAGCAAGACCCAGGAAGACTTGGAGGCTCAGGTGACCTGGTTGAGAACTAAGAA
 AATATGTTGGGGAACAAGTGCCTTCTGAGGTCCACAGCCAGACATGGAACTGGAGCGACAGAAGCTTCT
 GGAAACCATGCAGCACTGCAGGAGGACCGGGACAGCCTGCATGCCACCGGAGCTGCTGCAGGTGCGG
 GTGCAGAGCCTCACACACATCTCGCCCTGCAGGAGGAGGAGCTGACCAGGAAGGTTCAACCTTCAGATT
 CCCTGGAGCCTGAGTTTACCAGGAAGTCCAGTCCCTGCTGAACCGCTGGCGGGAGAGGTTTGGCCCT
 CATGGTGCAGCTAAAGGCCAGGAGCTGGAACACAGTGAAGTCTGTTAAGCAGCTGAAGGGACAGGTGGCC
 TCACTCCAGGAAAAAGTACATCCAGAGCCAGGAGCAGGCCATCCTGCAGCGATCCCTGCAGGACAAAG
 CCGCAGAGGTGGAGGTGGAGCGTATGGGTGCCAAGGGCCTGCAGTTGGAGCTGAGCCGTGCTCAGGAGGC
 CAGGCGTCCGTTGGCAGCAGCAGACAGCCTCAGCCGAGGAGCAGCTGAGGCTTGTGGTCAATGCTGCAGC
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 ACAACCGACTCAGCTATGCTGTCCGAAGGTCCACACCATTCGGGGCCTGATTGCTCGAAAGCTTGCCT
 TGCTCAGCTGCGCCAGGAGAGCTGTCCCTACCACCACCGGTACAGACGTGAGCCTTGAGTTGCAGCAG
 TTGCGGGAAGAACGGAACCGCTGGATGCAGAAGTGCAGCTGAGTGCCCGCTCATCCAGCAGGAGGTGG
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 AAGGAGCGGAGCCAGGAAGTCAAGGCTGTCAGGAGGAGGCCCGAAGGAGGAGGGGCAGCGACTGGCCC
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 AGCCCCAGGCCTCCAGAGTGTTCAGCATCTGCACCTGTAGCAGCAGCAGTGCCACCAGGAGTCCATAA
 AAGGGTCCCTCTGTCTGCTCGATGACCTGCAGGACCTGAGTGAAGCCATTTCCAAGAGGAAGCTGT
 TTGTCAAGGAGACAACCTTGACAGATGCTCCAGCTCCAATCCCCAGATGAGCAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC226202 representing NM_001105563
Red=Cloning site Green=Tags(s)

MWPHSAGARPWASTLTGKDPRVMACWCLDGLPSGLAEPWRELWRWRSRPLHCVPPFSPLARSSRDHRNLR
RRGNIDGWRQNLPEPSNNVEMFPPSGHQDVSERRLDTQRPQVTMWERDVSSDRQEPGRRGRSWGLEGSQAL
SQQAEVIVRQLQELRRLEEEVRLRETSLQQKMRLEAQAMELEALARAEEKAGRAEAEGLRAALAGAEVVR
KNLEEGSQRELEEVQRLHQEQLSSLTQAHEEALSSLTSAEGLEKSLSSLETRRAGEAKELAEAQREAE
LRKQLSKTQEDLEAQVTLVENLRKYVGEQVPSEVHSQTWELERQKLETMQHLQEDRDSLHATAELLQVR
VQSLTHILALQEEELTRKVQPSDSLEPEFTRKCQSLLNRWREKVFALMVQLKAQELEHSDSVKQLKGQVA
SLQEKVTSQSQEQAILQRSLQDKAAEVEVERMGAKGLQLELSRAQEARRRWQQQTASAEELRLVNAVS
SSQIWLETTMAKVEGAAQLPSLNNRLSYAVRKVHTIRGLIARKLALAQLRQESCPLPPPVTDVSLLELQQ
LREERNRLDAELQLSARLIQQEVGRAREQGEAERQQLSKVAQQLEQELQQTQESLASLGLQLEVARQGGQ
ESTEEAASLRQELTQQELYGQALQEKVAEVETRLREQLSDTERRLNEARREHAKAVVSLRQIQRRAAQE
KERSQELRRLQEEARKEEGQRLARRLQELERDKNMLATLQQEGLLSRYKQQRLLTVLPSLLDKKKS VVS
SPRPPECSASAPVAAAVPTRESIKGSLSVLLDDLQDLSEATSKEEAVCQGDNLDRCSSSNPQMSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8034_e05.zip

Restriction Sites: Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001105563

ORF Size: 2505 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001105563.1](#), [NP_001099033.1](#)

RefSeq ORF: 2508 bp

Locus ID: 54535

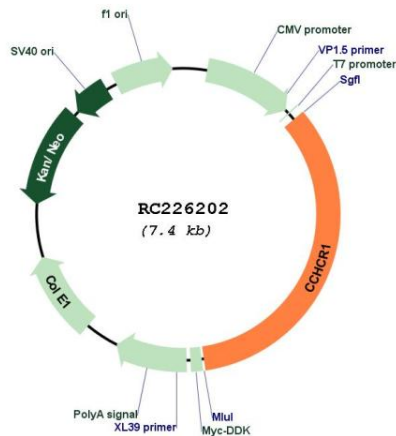
UniProt ID: [Q8TD31](#)

Cytogenetics: 6p21.33

MW: 95 kDa

Gene Summary: This gene encodes a protein with five coiled-coil alpha-helical rod domains that is thought to act as a regulator of mRNA metabolism through its interaction with mRNA-decapping protein 4. It localizes to P-bodies, the site of mRNA metabolism, with an N-terminus that is required for this subcellular localization, suggesting it is a P-body component. Naturally occurring mutations in this gene are associated with psoriasis. [provided by RefSeq, May 2017]

Product images:



Circular map for RC226202