

Product datasheet for **RC226225**

CCHCR1 (NM_001105564) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCHCR1 (NM_001105564) 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)



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ORF Nucleotide Sequence:

>RC226225 representing NM_001105564
 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence: >RC226225 representing NM_001105564
 Red=Cloning site Green=Tags(s)

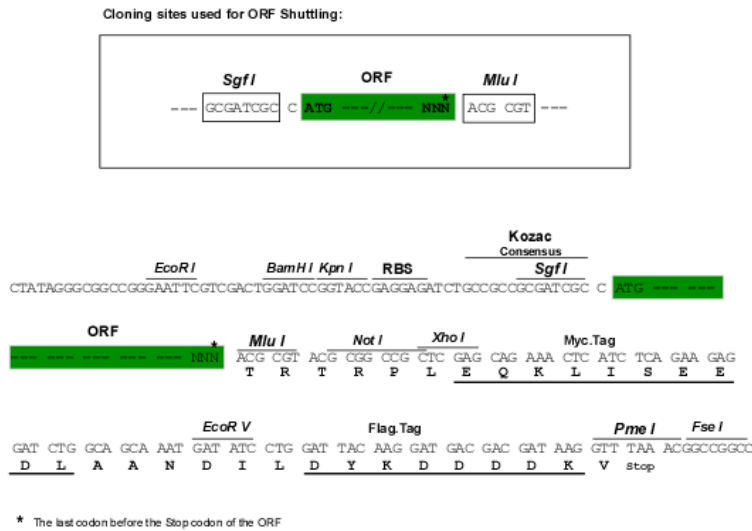
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Restriction Sites:

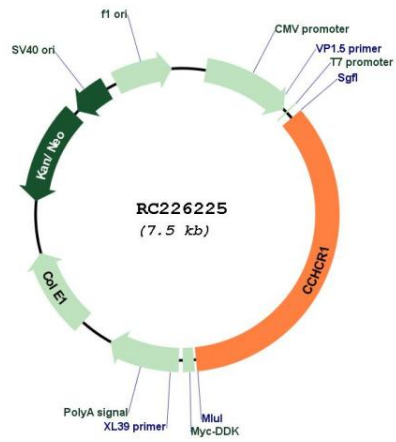
Sgfl-MluI

Cloning Scheme:



ACCN:	NM_001105564
ORF Size:	2613 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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:	<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:	NM_001105564.1 , NP_001099034.1
RefSeq Size:	2974 bp
RefSeq ORF:	2616 bp
Locus ID:	54535
UniProt ID:	Q8TD31
Cytogenetics:	6p21.33
MW:	99.5 kDa
Gene Summary:	<p>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]</p>

Product images:



Circular map for RC226225