

## Product datasheet for **RC228525**

### CHFR (NM\_001161345) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CHFR (NM_001161345) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CHFR
Synonyms:	RNF116; RNF196
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide  
Sequence:

>RC228525 representing NM\_001161345  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAGCGGCCGAGGAAGCAAGCAGTCGCCGCCGCGAGCCCTGGGACGGCTCCTGCGTCTGGCG  
CGGAGGAGGGCGAGCCGACGTCCTCCTGAGGAAGCGGGAGTGGACCATCGGGCGGAGACGAGGTTGCGA  
CCTTTCCTTCCCCAGCAATAAACTGGTCTCTGGAGATCACTGTAGAATTGTAGTGGATGAAAAATCAGT  
CAGGTGACACTGGAAGATACCAGCACCAGTGAACAGTGATTAACAAGCTGAAGGTTGTTAAGAAGCAGA  
CATGCCCTTACAGACTGGGGATGTCATCTACTTGGTGTACAGGAAGAATGAACCGGAACACAACGTGGC  
ATACCTCTATGAATCTTTAAGTAAAAGCAAGGCATGACACAAGAATCCTTTGAAGCTAACAAAGGAAAAAT  
GTGTTCCATGGGACCAAGATACCTCAGGTGCAGGTGCAGGGCGAGGGGCCGATCCCCGGTCCCTCCGT  
CGTCGCCCCCACTCAGGTGTGCTTTGAGGAACCACAGCCATCAACATCGACGTCAGACCTTTCCCCAC  
AGCCTCGGCCTCTCCACGGAGCCTTCTCCTGCAGGGCGAGAGCGTTCCAGTTGTGGGTCTGGGGT  
GGTGGCATCTCCCTAAAGGAAGTGGTCCCTCTGTGGCAAGTGTGAAGTCTCCAGCTTTGCCTCAGCTC  
TCCCAGACAGAAAGACTGCGTCCTTTTCGTGCTTGAACCCAGGATCAGGAGGATTTGGAGCCCGTGAA  
GAAGAAAATGAGAGGAGATGGGACCTTGACCTGAACGGGCGAGTGTGGTGCACAACCGGTAGAAAAT  
GCCCAAACCGTCCACGAGGACGTCAGAGCAGCGGCTGGGAAGCCAGACAAGATGGAGGAGACGCTGACAT  
GCATCATCTGCCAGGACCTGCTGCACGACTGCGTGAGTTTGCAGCCCTGCATGCACACGTTCTGCGCGGC  
TTGCTACTCGGGCTGGATGGAGCGCTCGTCCCTGTGCTACCTGCCGCTGTCCCGTGGAGCGGATCTGT  
AAAAACCACATCTCAACAACCTCGTGAAGCATACCTCATCCAGCATCCAGACAAGAGTCGAGGCGGATC  
AAGATGTGCAAAGTATGGATGCCAGGAATAAAATCACTCAAGACATGCTGCAGCCCAAAGTCAGGGCGGTC  
TTTTTCTGATGAAGAAGGGAGTTCAGAGGACCTGCTGGAGCTGTCAGACGTTGACAGTGAGTCTCAGAC  
ATTAGCCAGCCATACGTCGTGTGCCGGCAGTGTCTGAGTACAGAAGGCAGGCGGCGCAGCCTCCCCACT  
GCCCAGCACCCGAGGGCGAGCCAGGAGCCACAGGCCCTGGGGGATGCACCCTCCACGTCGCTCAGCCT  
GACGACAGTCCAGGATTACGTGTGCCCTCTGCAAGGAAGCCACGCCCTGTGCACCTGCTGCTTCCAGCCC  
ATGCCCGACCCGAGAGCGGAGCGCAGCAGGACCCGCGTGTGCCCTCAGCAGTGTGGGTCTGCCTGC  
AGCCTTCTGCCACCTGTACTGGGGCTGCACCCGACCGGCTGCTACGGTGCCTGGCCCCGTTTTGTGA  
GCTCAACCTGGGTGACAAGTGTCTGGACGGCGTGTGAACAACAACAGCTACGAGTCAGACATCCTGAAG  
AATTACCTGGCAACCAGAGGTTTGACATGGAAAAACATGTTGACCGAGAGCCTCGTGGCTCTCCAGCGGG  
GAGTGTCTCTGCTGTCTGATTACAGAGTCACGGGAGACACCGTTCTGTGTTACTGCTGTGGCCTGCGCAG  
CTTCCGTGAGCTGACCTATCAGTATCGGAGAACATTCCTGCTTCCGAGTTGCCAGTGGCCGTAACATCC  
CGTCTGACTGCTACTGGGGCCGTAACCTGCCGCACTCAGGTGAAAGCTCACACGCCATGAAATTAATC  
ATATCTGTGAACAGACAAGGTTCAAAAAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



**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\\_001161345.1](#), [NP\\_001154817.1](#)

**RefSeq ORF:** 1992 bp

**Locus ID:** 55743

**UniProt ID:** [Q96EP1](#)

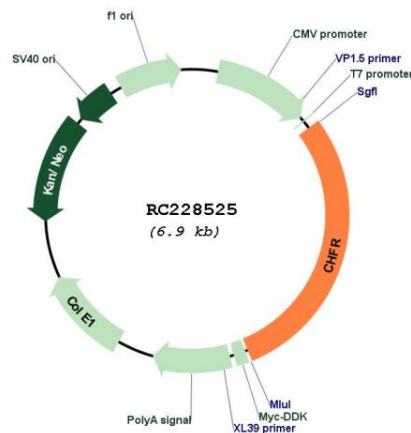
**Cytogenetics:** 12q24.33

**Protein Families:** Druggable Genome

**MW:** 73.1 kDa

**Gene Summary:** This gene encodes an E3 ubiquitin-protein ligase required for the maintenance of the antepause checkpoint that regulates cell cycle entry into mitosis and, therefore, may play a key role in cell cycle progression and tumorigenesis. The encoded protein has an N-terminal forkhead-associated domain, a central RING-finger domain, and a cysteine-rich C-terminal region. Alternatively spliced transcript variants that encode different protein isoforms have been described. [provided by RefSeq, Mar 2014]

### Product images:



Circular map for RC228525