

Product datasheet for **RG224584**

HCC1 (RBM39) (NM_184234) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HCC1 (RBM39) (NM_184234) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	HCC1
Synonyms:	CAPER; CAPERalpha; FSAP59; HCC1; RNPC2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG224584 representing NM_184234
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGACGATATTGATATTGAAGCAATGCTTGAGGCTCCTTACAAGAAGGATGAGAACAAGTTGAGCA
 GTGCCAACGGCCATGAAGAACGTAGCAAAAAGAGGAAAAAAGCAAGAGCAGAAGTCGTAGTCATGAACG
 AAAGAGAAAGCAAAAGTAAGGAACGGAAGCGAAGTAGAGACAGAGAAAGGAAAAAGAGCAAAAGCCGTGAA
 AGAAAGCGAAGTAGAAGCAAAAGAGAGGCGACGGAGCCGCTCAAGAAGTCGAGATCGAAGATTTAGAGGCC
 GCTACAGAAGTCCTTACTCCGGACCAAAATTTAACAGTGCATCCGAGGAAAGATTGGGTTGCCTCATAG
 CATCAAATTAAGCAGACGACGTTCCCGAAGCAAAAGTCCATTAGAAAAGACAAGAGCCCTGTGAGAGAA
 CCTATTGATAATTTAACTCCTGAGGAAAGAGATGCAAGGACAGTCTTCTGTATGCAGCTGGCGGCAAGAA
 TTCGACCAAGGGATTTGGAAGAGTTTTCTCTACAGTAGGAAAGTTTCGAGATGTGAGGATGATTTCTGA
 CAGAAATTCAGACGTTCCAAAGGAATTGCTTATGTGGAGTTCGTCGATGTTAGCTCAGTGCCTCTAGCA
 ATAGGATTAAGTGGCAACGAGTTTTAGGCGTGCCAATCATAGTACAGGCATCACAGGCAGAAAAAACA
 GAGCTGCAGCAATGGCAACAATTTACAAAAGGGAAGTGTGGACCTATGAGGCTTTATGTGGGCTCATT
 ACACCTTCAACATAACTGAAGATATGCTTCGTGGGATCTTTGAGCCTTTTGGAGAATTGAAAGTATCCAG
 CTGATGATGGACAGTGAAGTGGTTCGATCCAAAGGATAAGGATTTATTACATTTTCTGACTCAGAATGTG
 CCAAAAAGGCTTTGGAACAACCTAATGGATTTGAACTAGCAGGAAGACCAATGAAAGTTGGTCATGTTAC
 TGAACGTAAGTGTCTCGAGTGTAGTTTCAATTTTGGACAGTGTGAAGTGGAAAGGACTGGAATTGAT
 TTGGGAACAACCTGGTTCGTTTCAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAG
 CAGCAGCAAGCTCTACAGATGAGTGGCTCTTTGGCATTGGTGTGTGGCAGAATTTCTTTTGTAT
 AGATTTGCAAAACAAGACTTTCCAGCAGACTGAAGCTTCAGCTTAGCTGCAGCTGCCTCTGTTCCAGCCA
 CTTGCAACACAATGTTTCCAACCTCTAACATGTTTAAACCTCAACAGAGAAGAAGTTGGATGGGATA
 CCGAGATTAAGGATGATGTGATTGAAGAATGTAATAAACATGGAGGAGTTATTCATATTTATGTTGACAA
 AAATTCAGCTCAGGGCAATGTGTATGTGAAGTGGCCATCAATTGCTGCAGCTATTGCTGTGTCAATGCA
 TTGCATGGCAGGTGGTTTGTGTTAAAATGATAACAGCAGCATATGTACCTTCCAACTTACCACAACC
 TGTTTCTGATTCTATGACAGCAACACAGCTACTGGTTCCAAGTAGACGA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG224584 representing NM_184234
 Red=Cloning site Green=Tags(s)

MADDIDIEAMLEAPYKDKENKLSANGHEERSKKRKKSKSRSRSHERKRSKSKERKRSRDRERKKSRE
 RKRSRSKERRRSRSRDRRRFRGRYRSPYSGPKFNSAIRKIGLPHSIKLSRRRSRSKSPFRKDKSPVRE
 PIDNLTPEERDARTVFCMQLAARIRPRDLEEFFSTVGKVRDVRMISDRNSRRSKGIAYVEFVDVSSVPLA
 IGLTGQRVLVPIIIVQASQAENRAAAMANNLQKGSAGPMRLYVGSLSLHFNITEDMLRGIFFPFGRIESIQ
 LMMDSETGRSKGYGFIIFSDSECAKKALEQLNGFELAGRPMKVGHVTERTDASSASSFLDSDELERTGID
 LGTTGRLQLMARLAEGTGLQIPPAQQALQMSGSLAFGAVAEFSFVIDLQTRLQQTEASALAAAASVQP
 LATQCFQLSNMFPQTEEEVGDWTEIKDDVIEECNKHGGVIHIYVDKNSAQGNVYVKCPSIAAAIAAVNA
 LHGRWFAGKMITAAYVPLPTYHNLFPDSMTATQLLVPSRR

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_184234

ORF Size: 1590 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_184234.3](#)

RefSeq Size: 2809 bp

RefSeq ORF: 1593 bp

Locus ID: 9584

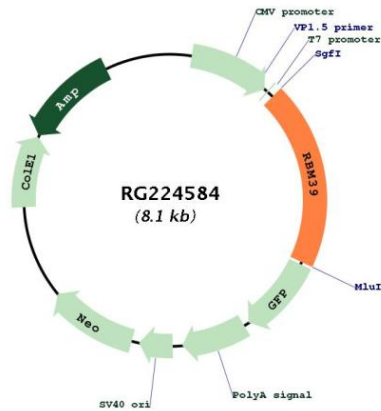
UniProt ID: [Q14498](#)

Cytogenetics: 20q11.22

Protein Families: Transcription Factors

Gene Summary: This gene encodes a member of the U2AF65 family of proteins. The encoded protein is found in the nucleus, where it co-localizes with core spliceosomal proteins. It has been shown to play a role in both steroid hormone receptor-mediated transcription and alternative splicing, and it is also a transcriptional coregulator of the viral oncoprotein v-Rel. Multiple transcript variants have been observed for this gene. A related pseudogene has been identified on chromosome X. [provided by RefSeq, Aug 2011]

Product images:



Circular map for RG224584