

Specifications:

Gene:	hCFHR4
Accession:	NP_001188479.1
Insert size:	1750bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

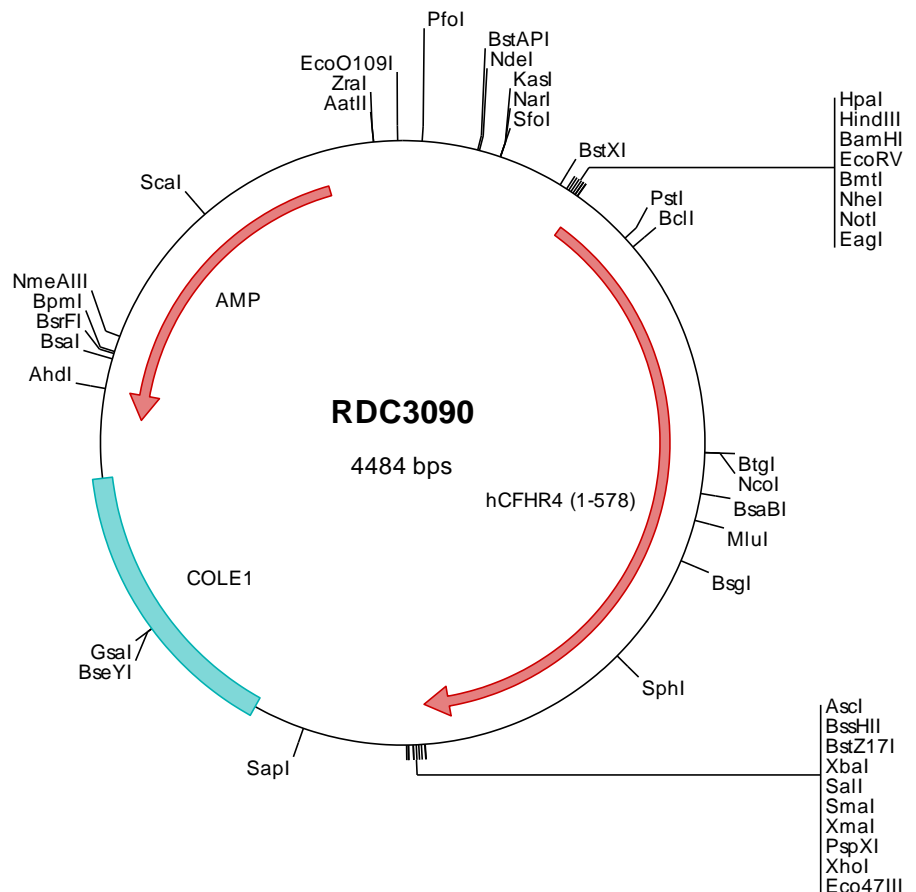
hCFHR4 cDNA Plasmid

CFHR4 complement factor H related 4 [*Homo sapiens* (human)]

Also known as: FHR4; CFHL4; FHR-4

Summary:

CFHR4 is a member of the complement factor H (CFH) gene family. It is one of the 5 CFH-related (CFHR) proteins. The CFHRs are secreted plasma proteins synthesized primarily by the hepatocytes, and composed of highly-related short consensus repeats (SCRs). CFHR4 enhances the cofactor activity of CFH, and is involved in complement regulation. It can associate with lipoproteins and may play a role in lipid metabolism. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3090 Plasmid DNA Sequence

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1 tcgcgcgctt cggatgatgac ggtgaaaaacc totgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgcatt caggctcgcg aactgttggg aagggcgatc ggtcggggcc tcttcgctat
301 tacgccagct ggcgaaaagg ggatgtgctg caaggcgatt aagttgggta acgcccagggt ttcccagtc acgacgttgt aaaacgacgg ccagtgatt
401 ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggcggccaacc atgttgttac taatcaatgt cattctgacc ttgtgggtt cctgtgctaa
501 tggacaagaa gtgaaacctt gtgattttcc agaaaattcaa catggaggtc tataattaaa gattttgcgt agactatact ttccagcagc tgcaggacaa
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701 gctcagaac atgotcaaaa tcagatgtag aaattgaaaa ttgattcatt tctgaatctt cctctattta tattttaaat gaagaaacac aatataattg
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> RDC3090 Translated Insert Sequence

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1 mlllinvilt lwvscanqge vkpdcfpei q hgglyykslr rlyfpaaaqg sysyycdnf vtpsgsywdy ihtcdqgws p tvpclrtsck sdveiengfi
101 sesssiyiln eetqynckpg yataegnssg sitclqngws tpicikfcd mpvfensrak sngmwfklhd tldyecydy essayntds invcedgws h
201 lptcynssen cgpmpisng dttsfpqkvy lpwsrveyqc qsyylqgsk yvtcsngdws epprcismkp cefpeiqhgh llyentrpry fpvatgqsy s
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