

Product datasheet for SC331440

CFHR4 (NM_001201551) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CFHR4 (NM_001201551) Human Untagged Clone
Tag:	Tag Free
Symbol:	CFHR4
Synonyms:	CFHL4; FHR-4; FHR4
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC331440 representing NM_001201551. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTTGTTACTAATCAATGTCATTCTGACCTTGTGGTTTCTGTGCTAATGGACAAGTAAACCTTGT
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GCAGGACAATCTTATTCTATTACTGTGATCAAAATTTGTGACTCCTTCAGGAAGTTACTGGGATTAC
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TATAATGCGAATACATCAGTTCTATCATTTCAAGCAGTGTGTAGGGAAGGCATAGTGAATACCCGAA
TGCGAATAA
  
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Restriction Sites: Sgfl-RsrII



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ACCN:	NM_001201551
Insert Size:	1734 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_001201551.1
RefSeq Size:	2178 bp
RefSeq ORF:	1734 bp
Locus ID:	10877
UniProt ID:	Q92496
Cytogenetics:	1q31.3
Protein Families:	Secreted Protein
MW:	65.2 kDa
Gene Summary:	<p>This gene is a member of the complement factor H (CFH) gene family, and encodes one of the 5 CFH-related (CFHR) proteins. These 5 genes are closely linked to the CFH gene on chromosome 1q31-q32. The CFHRs are secreted plasma proteins synthesized primarily by the hepatocytes, and composed of highly-related short consensus repeats (SCRs). This protein 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 transcript variants encoding different isoforms (varying in the number of SCRs) have been described for this gene. [provided by RefSeq, Jan 2011]</p> <p>Transcript Variant: This variant (2) uses an alternate acceptor splice site in the 5' coding region compared to variant 1, resulting in an isoform (2) shorter by 1 aa compared to isoform 1.</p>