

Product datasheet for **SC306853**

CLEC4F (NM_173535) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLEC4F (NM_173535) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLEC4F
Synonyms:	CLECSF13; KCLR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC306853 representing NM_173535.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGACGGTGAGGCAGTCCGCTTCTGCACAGATAACCAAGTGTGTCTCCCTGCACCCCAAGAGTGGAC
TCTGTGGCAATGGCTCCTGCAGCCCCAAGATACCGAGGCTCGTTCAGGCTACCCCGGCATTTATGGCT
GTGACCTTGGTCTTCTCTTTGTGACTCTTTTGTAGTGGTTCAACAGCAGACAAGACCTGTTCCGAAG
CCTGTGCAAGCCGTAATTCTGGGAGACAACACTTACTGGGCATTTACCTTTTGAACCCAACAATCATTAC
CACTTTGGCAGGGAGGCAGAAATGCGAGAGCTTATCCAGACATTTAAAGGCCACATGGAGAATTCAGT
GCCTGGGTAGTAGAAATCCAGATGTTGAAGTGCAGAGTGGACAATGTCAATTCGCAGCTCCAGGTGCTC
GGTGATCATCTGGGAAACACCAATGCTGACATCCAGATGGTAAAAGGAGTTCTAAAGGATGCCACTACA
TTGAGTTTGCAGACACAGATGTTAAGGAGTTCCTGGAGGGAACCAATGCTGAGATCCAGAGGCTCAAG
GAAGACCTTAAAAGGCAGATGCTTTAACTTTCCAGACGCTGAATTTCTAAAAAGCAGTTTAGAAAAC
ACCAGCATTGAGCTCCACGTGCTAAGCAGAGGCTTAGAAAATGCAAACCTGAAATTCAGATGTTGAT
GCCAGTTTGGAAACGGCAAATACCCAGGCTCAGTTAGCCAATAGCAGTTTAAAGAACGCTAATGCTGAG
ATCTATGTTTTGAGAGGCCATCTAGATAGTGTCAATGACTTGAGGACCCAGAACCAGTTTTAAAGAAT
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TCCCAGACCCAGGCCCTTATAAAAAGCAGTTTTGACAACACTAGTGTGAGATCCAGTTCTTAAGAGGT
CATTTGGAAGAGCTGGTGATGAAATTCACGTGTTAAAAGGGATTTGAAAATGGTCACAGCCCAGACC
CAAAAAGCAAATGGCCGCTCTGGACCAGACAGATACTCAGATTCAGGTATTCAGTCAGAGATGGAAAAT
GTGAATACCTTAAATGCCAGATTCAGGTCTTAAATGGTCATATGAAAAATGCCAGCAGAGAGATACAG
ACCTAAAACAAGGAATGAAGAATGCTTCAGCCTTAACTTCCCAGACCCAGATGTTAGACAGCAATCTG
CAGAAGGCCAGTGCCGAGATCCAGAGGTTAAGAGGGGATCTAGAGAACAACCAAAGCTCTAACCATGGAA
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ACCCAAAGTCAGCTTCTCCAGATGGTCCTGCAAGGCTGGAAGTTCAATGGTGGAAGCTTATATTATTTT
TCTAGTGTCAAGAAGTCTTGGCATGAGGCTGAGCAGTTCTGCGTGTCCCAGGGAGCCCATCTGGCATCT
GTGGCCTCCAAGGAGGAGCAGGCATTTCTGGTAGAGTTCACAAGTAAAGTGTACTACTGGATCGGTCTC
ACTGACAGGGGCACAGAGGGCTCCTGGCGCTGGACAGATGGGACACCATTCAACGCCCCAGAACAAA
GCGCCTGGTTCCAAGGATCCTGCCACTCAGAAAGTATATTATTGTGAATTCGGGATGGGAGCTTGC
AGCTTCATAGACACCCCTCCCTGTCCCTGGATCCTCAGTAACTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

Plasmid Map: □

ACCN: NM_173535

Insert Size: 1770 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_173535.2</u>
RefSeq Size:	2486 bp
RefSeq ORF:	1770 bp
Locus ID:	165530
UniProt ID:	<u>Q8N1N0</u>
Cytogenetics:	2p13.3
Protein Families:	Druggable Genome, Transmembrane
MW:	65.5 kDa
Gene Summary:	Receptor with an affinity for galactose and fucose. Could be involved in endocytosis (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest protein (isoform 1).