

Product datasheet for **RG221868**

CLEC4F (NM_173535) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLEC4F (NM_173535) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CLEC4F
Synonyms:	CLECSF13; KCLR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG221868 representing NM_173535
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACGGTGAGGCAGTCCGCTTCTGCACAGATAACCAGTGTGTCTCCCTGCACCCCAAGAGTGGACT
 CTGTGGCAATGGCTCCTGCAGCCCCAAGATACCGAGGCTCGTTCAAGGCTACCCCGCATTATGGCTGT
 GACCTTGGTCTTCTCTCTGTGACTCTCTTTGTAGTGGTTCAACAGCAGACAAGACCTGTTCCGAAGCCT
 GTGCAAGCCGTAATTCTGGGAGACAACATTACTGGGCATTTACCTTTTGAACCAACAATCATCACCCT
 TTGGCAGGGAGGCAGAAATGCGAGAGCTTATCCAGACATTTAAAGGCCACATGGAGAATTCAGTGCCTG
 GGTAGTAGAAATCCAGATGTTGAAGTGCAGAGTGGACAATGTCAATTCGCAGCTCCAGGTGCTCGGTGAT
 CATCTGGGAAACCAATGCTGACATCCAGATGGTAAAAGGAGTCTAAAGGATGCCACTACATTGAGTT
 TGCAGACACAGATGTTAAGGAGTCCCTGGAGGGAACCAATGCTGAGATCCAGAGGCTCAAGGAAGACCT
 TGAAGGAGCAGATGCTTTAACTTCCAGACGCTGAATTTCTTAAAAAGCAGTTTAAAAACACCAGCATT
 GAGCTCCACGTGCTAAGCAGAGGCTTAGAAAAATGCAAACCTCTGAAATTCAGATGTTGAATGCCAGTTGG
 AAACGGCAAATACCCAGGCTCAGTTAGCCAATAGCAGTTTAAAGAACGCTAATGCTGAGATCTATGTTTT
 GAGAGGCCATCTAGATAGTGTCAATGACTTGAGGACCCAGAACCAGGTTTTAAGAAATAGTTTGGAAAGGA
 GCCAATGCTGAGATCCAGGGACTAAAGGAAAAATTTGCAGAACACAAATGCTTTAACTCCAGACCCAGG
 CCTTTATAAAAAGCAGTTTTGACAACTAGTGTGAGATCCAGTTCTTAAAGAGGTCATTTGAAAGAGC
 TGGTGTGAAATTCACGTGTTAAAAAGGATTTGAAAAATGGTACAGCCAGACCCAAAAAGCAAATGCC
 CGTCTGGACCAGACAGATACTCAGATTCAGGTATTCAAGTCAAGATGGAAAAATGTAATACCTTAAATG
 CCCAGATTCAGGTCTTAAATGGTCATATGAAAAATGCCAGCAGAGAGATACAGACCCTAAAAACAAGGAT
 GAAGAATGCTTCAGCCTTAACTTCCAGACCCAGATGTTAGACAGCAATCTGCAGAAGGCCAGTCCCGAG
 ATCCAGAGGTTAAGAGGGGATCTAGAGAACACCAAGCTTAACCATGGAATCCAGCAGGAGCAGAGTC
 GCCTGAAGACCCTCCATGTGGTCACTTCTCACAGGAACAGCTACAAAGAACCCAAAGTCAGCTTCTCCA
 GATGGTCTGCAAGGCTGGAAGTTCAATGGTGAAGCTTATATTATTTTCTAGTGTCAAGAAGTCTTGG
 CATGAGGCTGAGCAGTTCTGCGTGTCCCAGGGAGCCATCTGGCATCTGTGGCTCCAAGGAGGAGCAGG
 CATTCTGGTAGAGTTCACAAGTAAAGTGTACTACTGGATCGGTCTCACTGACAGGGGCACAGAGGGCTC
 CTGGCGCTGGACAGATGGACACCATTCAACGCCGCCAGAACAAGCGCCTGGTCCAAGGGATCTCTGC
 CCACTCAGAAAGTATATTATTGTGAATCTGGGATGGGAGCTTGCAGCTCATAGACACCCCTCCCTGTC
 CCTGGATCCTCAGTAAC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG221868 representing NM_173535
 Red=Cloning site Green=Tags(s)

MDGEAVRFCTDNQCYSVSLHPQEVDVSVAMAPAAPKIPRLVQATPAFMAVTLVFLVTLFVVVQQQTRPVPKP
 VQAVILGDNITGHLPEFEPNNHHFGREAEMLRIQTFKGMENSSAWVVEIQMLKCRVDNVNSQLQVLGD
 HLGNNTADIQMVKGVLKDATTLSLQTMRLRSSLEGTAETIQRLEKEDLEKADALTFQTLNFKSSLENTSI
 ELHVL SRGLENANSEIQMLNASLETANTQAQLANSSLNANAEIYVLRGHLDSVNDLRTQNQVLRNSLEG
 ANAEIQGLKENLQNTNALNSQTQAFIKSSFDNTSAEIQFLRGHLERAGDEIHVLRKDLKMTVAQTQKANG
 RLDQTDTIQVFKSEMENVNTLNAQIQVLNGHMKNASREIQTLKQGMKNASALTSQTQMLDSNLQKASAE
 IQRLRGDLENTKALTMEIQEQSRLKTLHVVITSQEQLQRTQSLLQMVLLQGWKFNNGSLYYFSSVKKSW
 HEAEQFCVSGAHLASVASKEEQAFVFEFTSKVYYWIGLDRGTEGSRWTDGTFPNAQNKAPGSKGSC
 PLRKYIIVNSGMGACSFIDTPPCPWILSN

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

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:	<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_173535.3
RefSeq Size:	2486 bp
RefSeq ORF:	1770 bp
Locus ID:	165530
UniProt ID:	Q8N1N0
Cytogenetics:	2p13.3
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	Receptor with an affinity for galactose and fucose. Could be involved in endocytosis (By similarity).[UniProtKB/Swiss-Prot Function]