

Product datasheet for **RC234427**

CLEC4F (NM_001258027) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLEC4F (NM_001258027) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CLEC4F
Synonyms:	CLECSF13; KCLR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC234427 representing NM_001258027
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGACGGTGAGGCAGTCCGCTTCTGCACAGATAACCAGTGTGTCTCCCTGCACCCCAAGAGGTGGACT
 CTGTGGCAATGGCTCCTGCAGCCCCAAGATACCGAGGCTCGTTACGGCTACCCCGCATTATGGCTGT
 GACCTTGGTCTTCTCTCTGTGACTCTCTTTGTAGTGGTTCAACAGCAGACAAGACCTGTTCCGAAGCCT
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 TTGGCAGGGAGGCAGAAATGCGAGAGCTTATCCAGACATTTAAAGGCCACATGGAGAATTCAGTGCCTG
 GGTAGTAGAAATCCAGATGTTGAAGTGCAGAGTGGACAATGTCAATTCGCAGCTCCAGGTGCTCGGTGAT
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 GAGAGGCCATCTAGATAGTGTCAATGACTTGAGGACCCAGAACCAGGTTTTAAGAAATAGTTTGAAGGA
 GCCAATGCTGAGATCCAGGGACTAAAGGAAAAATTCAGAACACAAATGCTTTAACTCCAGACCCAGG
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 CATTTCTGGTAGAGTTCACAAGTAAAGTGTACTACTGGATCGGTCTCACTGACAGGGGCACAGAGGGCTC
 CTGGCGCTGGACAGATGGGACACCATTCAACGCCGCCCAGAACAAGCGGCCACTAGGGGA

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Protein Sequence:

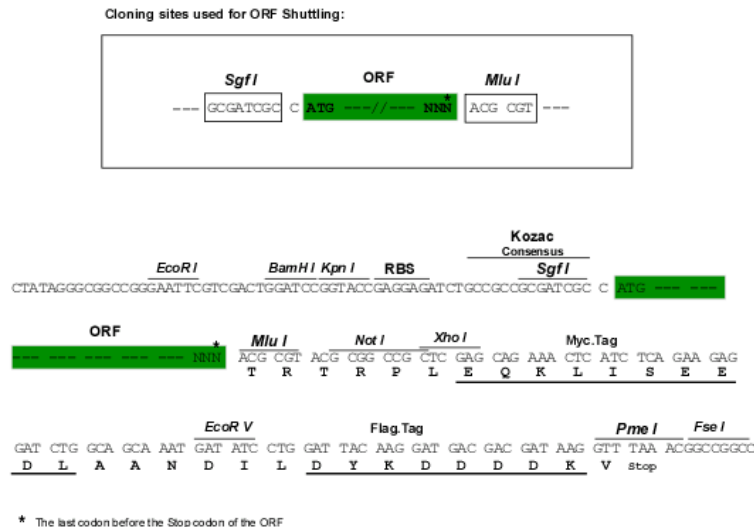
>RC234427 representing NM_001258027
 Red=Cloning site Green=Tags(s)

MDGEAVRFCTDNQCVSLHPQEVDVSAMAPAAPKIPRLVQATPAFMAVTLVFSLVTLFVVVQQQTRPVPKP
 VQAVILGDNITGHLPEFPNNHHFGREAEARELIQTFKGHMENSASVVEIQMLKCRVDNVNSQLQVLGD
 HLGNTNADIQMVKGVLKDATTLSLQTQMLRSSLEGNAEIQRLKEDLEKADALTFQTLNFKSSLENTSI
 ELHVL SRGLENANSEIQMLNASLETANTQAQLANSSLNANAEIYVLRGHLDSVNDLRTQNQVLRNSLEG
 ANAEIQGLKENLQNTNALNSQTQAFIKSSFNTSAEIQFLRGHLERAGDEIHVLKRDLMVTAQTQKANG
 RLDQTDQIQVFKSEMENVNTLNAQIQVLNGHMKNASREIQTQKGMKNASALTSQTQMLDSNLQKASAE
 IQRLRGDLENTKALTMEIQEQSRLKTLHVITSQEQLQRTQSLLQMLQGWKFNGGSLYYFSSVKKSW
 HEAEQFCVSQGAHLASVASKEEQAFLEFTSKVYWIWGLTDRGTEGSRWTDGTPFNAAQNKAATRG

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001258027

ORF Size: 1671 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001258027.2](#)

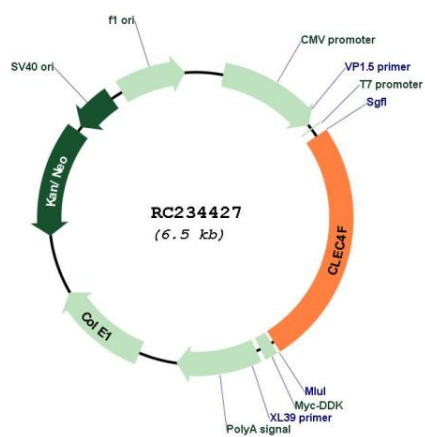
RefSeq Size: 2302 bp

RefSeq ORF: 1674 bp

Locus ID: 165530

Cytogenetics:	2p13.3
Protein Families:	Druggable Genome, Transmembrane
MW:	62.6 kDa
Gene Summary:	Receptor with an affinity for galactose and fucose. Could be involved in endocytosis (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC234427