

Product datasheet for **RG236204**

CLEC5A (NM_001301167) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CLEC5A (NM_001301167) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: CLEC5A
Synonyms: CLECSF5; MDL-1; MDL1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236204 representing NM_001301167.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAACGGCACATGATCATCTCTGGGCTTATTGGTAGTGCTTAAAGTTGTTGGAATGACCTTATTT
CTACTTTATTTCCACAGATTTTAAACAAAAGTAACGATGGTTTCACCACCACCAGGAGCTATGGAACA
GTCTGCCCAAAGACTGGGAATTTATCAAGCAAGATGTTTTTCTTATCCACTTCTGAATCATCTTGG
AATGAAAGCAGGGACTTTTCAAAGGAAAAGGATCCACATTGGCAATTGTCAACACGCCAGAGAAACTG
AAGTTTCTTCAGGACATAACTGATGCTGAGAAGTATTTATTGGCTTAATTTACCATCGTGAAGAGAAA
AGGTGGCGTTGGATCAACAACCTGTGTCAATGGCAATGTTACCAATCAGAATCAGAATTTCAACTGT
GCGACCATTGGCCTAACAAAGACATTTGATGCTGCATCATGTGACATCAGCTACCGCAGGATCTGTGAG
AAGAATGCCAAA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236204
Blue=ORF Red=Cloning site Green=Tag(s)

```
MNWHMIIISGLIVVVLKVVGMFLFLYFPQIFNKSNDGFTTTRS YGTVC PKDWEFYQARCFLLSTSESSW
NESRDFCKGKGSTLAIVNTPEKLFQDITDAEKYF IGLIYHREEKRWRWINNSVFNGVNTNQNFNC
ATIGLTKTFDAASCDISYRRICEKNAK
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYP SGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: Sgfl-MluI



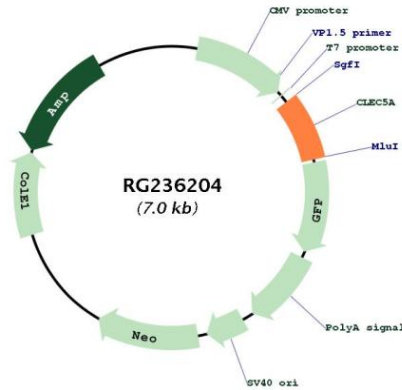
[View online »](#)

Cloning Scheme:


- ACCN:** NM_001301167
- ORF Size:** 495 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).
- RefSeq:** [NM_001301167.2](#)
- RefSeq Size:** 3466 bp
- RefSeq ORF:** 498 bp
- Locus ID:** 23601
- Cytogenetics:** 7q34
- Protein Families:** Druggable Genome, Transmembrane
- MW:** 19.6 kDa

Gene Summary:

This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type II transmembrane protein interacts with dnax-activation protein 12 and may play a role in cell activation. Alternative splice variants have been described but their full-length sequence has not been determined. [provided by RefSeq, Jul 2008]

Product images:


Circular map for RG236204