

Product datasheet for **RG207248**

C9orf131 (NM_203299) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C9orf131 (NM_203299) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: C9orf131
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG207248 representing NM_203299
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGGGGCTTCTCTGGGGCCAACCTGACCCATGCCCTAGCCTGCAGACACTGCGGCAGCAGCTGCTCCAGA
 GTCCAGGAAATCTGGTGACACTATTCTTATTCTGTGGTTTGGCAGATTGAGAGATGGTGGCAGCTTGGGAG
 GTTGGCAGAGCTTCATCCCTGGTGCTCTGGGAATATGGTGCAAGGCAAGGAACTACCCTTCTGCACCGT
 GTGGCCTTCTTGATCACCTGTGTAAGCAGAAATCAGAAGTGGAGGAAGAAGGGGAAGAAGAGGAAGAGG
 GGAAGACGAGGCATCTCTGGATCCACTGAAGCCATGTTCTCCTACCAAAGAAGCTCCCACTGGAGAGAG
 AGCCACTCCAGCCCCACCCAGCCATCCTGTGGTTCTGAGGGCCTCCTCAAGGCTATAGGGATACCAGAG
 CAAACAGTCATGCAGCCCGTGAGCCCTTCCAGATCCTTCCCCTCTTCCAGATTCTGACCAGCTTTCCTG
 TGAGGCACAAGATAGCATCAGGGAACCGCCAGCAGCAGAGAAAAAGCCAGCTCTTCTGGGGTCTCCCTC
 TCTGCACAGCGAGTCTTGGAGGCCATCTTCTGAGCTCAGGTGGCCCTATCCTCTGAAGTTGTCTGTT
 TGTTCTTCTGTCTTCTTCAACAAGCTTGCCTTCTACCTAGGTCCAACCTGTTGCTTCCCAGTATCACT
 CCTCAGCCAGTTTTCTACCCATGGGGCCATACTATGGAAGATCTAGAAGGGATGGCCCCGATCCTCA
 GCTGCTCCACCTCCATCTTCTCCTTCTGTCTCATCACTACTCCTCCATCTGAGGCCCTTCCCTGTGGAC
 CACAAGGGAGTTTTATCTGGCGTGGAGCACCACACAGTCCCCTGGAAGTCCAGCCCTGGAAGTTCTCC
 CTGGATATGAGACTCATTGGAAACCACAGGACACAAAAAGATGCCCAAGCTTTTGGAGCTCCGATGCC
 ACCCCCCTGCCAATCCCCAGCTTCTCTGTGAGAACCCAGAAAAAGTTAGCCCTGAAGGAGGACTTGCTATA
 TCTAAGGACTTCTGGGAACCGTGGGATACAGAGAGAAACCTCAGGCCTCTGAGTCTTCAATGCCAGTCC
 CTTGCCCTCCCCTAGACTCCCTGCCAGAACTCCAGAGAGAGAGTTCCCTGGAAGATCCATCCAGATATAA
 GCCCAGTGGGAATGCAGAGAAACTCAGGAAACCTCTGGGCTTTTGGTCTCCAGTCTTGGACCTCAAC
 CCAGAGCTCTCTGGAACCAGCCCTGAATGTGTCCCACCAGCATCTGAGACACCATGGAAGGCATGCAAA
 GTAGAGAAAAATTTGGGTCCCTGCAGACCCAGTTTCACTCCCAGCCTTCCCTCAGTCCCTCTCCTGGA
 GTCTCTAGTAATGGGCCCCAGGGAGTCTGTGAATCCAAAGCTTTGTGGGAGACCATGGGGCAGAAA
 GAGAACCCTGGGCATCTGATTCGCCAGACCTGTTTATAGCACACCTCAACCACCTTATGGAACCAC
 ACAGAATCAATCCTGGGAATGCCTCGCTACATCAGAAGCTACATGGAAGGATACTGAGCATTCCAGGAA



[View online »](#)

```

TTCTCGGCTTCTAGGTCTCCATCTCTGGCCCTCAGCCCACCCAGCTCTTGACCCGGAGCTGCTCAGA
GTTAGATCCATGGGGTCTGTCTGATTCTGAAGCTAGATGTGGGGACATACAAAAGACAAAAACTCT
GGGCTTAAGCACCCAGCTTGTAACTTACCCCAAGACCTGCATGGAGCCAGCCCTCTGGGAGTCTTGTC
TGATTCTCAGTCTATTGTAGGGGAAATGGAGCAAAAAGAAAAGTGTTCCTGTGTTCCAGGTAGGGGC
TCCAGCCCATCTCAAACCTGTCTTCAAAGTCCCACGTAAGTGAGCCTATCGCAGACCAAGCAACTATA
AGCCTGACGGGGAGGCAGTGGAGCAAAAGAAAGAACCTGGGCCACTGAGCTCCCAGCCCCAGCTCACT
CTCTACTCTCTACCAGAGCCACACATTGACCTTGAACCTGTGTGGAGAAATGTGCAACAAAGAGAAGTT
CCCAAGGCCCCAGCCCTCTGGCAGTGGATCCCTACACCCAGTACCCAGCCTCCACCCCTAGCTGAAG
CTGTGAAGATTGAACGCACTCATCTGGTCTACCAAGGGAGTAACGTGCCAGGGGTTAAGGCAGAGGC
CCCACTCTCCCAGAGATGGACTGTCCCAGAGTTGCTCACCCATCTGGGATCCATGCCTGGCAGTGGAGT
AGAGAGCTGAAACTCAGGCTGAAGAACTGCGGCAGAGCCCTGCCTCCAGAGCCCTGGCCCAAGTCAAT
CATTTTGCAGCTCCCCTATTCTGAGCTCCACAATTCCAGACTTCTGGGGACTCCCTTCTGCCACCACA
GCAGATTTATCCCCCAATCCATGCCCCACTCTTCAAGTTGTCATCTCAAGAAGTTCAGCGCACAGTA
CCTCAGCCTGTCCAGTCTCCACTGTCATCACTTCCAATCTCTTCCAGCTTCAGCCACAGGAGTCTG
GCAGGGCGGAACAAGGGTCTCAGAGAGGGGAGAAAATGAAGGGGAAGATGGTGAAGCCAGGTCATCCCA
AGGGCCATGTGTACACATGGAGGCTGGTGTGGACTATCTATCTCCAGGCCAGGAGAACCCTCAAACCT
AAGTTCTGGTCTCAGGCAAGAGAAAGGACAAGGCTTCAGCCTCATCTCAGCCAAAAAGAGAGAGCACC
CTAGGAAACCCAAAGCAGGAGACCATAGAAGAGGGACTGCAAGTTGGGGTTATCCACAGTACAGGGAA
GAACCACCTGCCAGGCCAGAAGCCTAGTAGAGGCCCTGTAAGCACATTTCCCAAAGGTCTCAACAC
AGGGGCCAGAGCTCTCAACACACTGCTCTTCCCAAGCTGCTTCTCCCAAAGCTTCGGGTCCCAGGATC
AGCCAGAGGCAGGGCGAAGAGCAAGTGACATCTGACCCCTCGCCACTGTAAAGCACTGTCTTGGGCCCA
CATGGAGAAGTATCTCTCTTCCCTACCCTCAAGGCTTCCCTTACCAGGGGTTGCAAAAGGTGTAGCC
AAATGCCTGGATAACCATCGACCCTACCCACCAATCTAGTCAG
    
```

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG207248 representing NM_203299
 Red=Cloning site Green=Tags(s)

```

MGLLWQQLTHALACRHCSSCFQSPGNLVTFLFVWQIQRWWQLGRLRQLHPWCSGNMVQKELPLLHR
VAFLDHLCKQKSEVEEEEGEEEGEASLDPKPCSPTEAPTGEQATPAPPQPCSGSEGLLKAIGIPE
QTYMQPVSPSRSPFIQILTSFVRHKIASGNRQQQRKSQLFWGLPSLHSELEAIFLSSGGPYPLKLSV
CSSVFFNKLAFPRSNLLLPQYHSSAQFSTHGAHTMEDLEGMAPDPQLLPPSSPSVSSLLHLRPFVVD
HKGVLSGAEAPTQSPGTSPLVLPGYETHLETTGHKKMPQAFEPMPPPCQSPASLSEPRKVSPEGGLAI
SKDFWGTVGYREKQASESSMPVPCPLDSLPELQRESSLEDPSRYKQWECRENSGNLWAFESPVLDLN
PEL SGTSPVPPASETPWKGMQSRENIWVPADPVSPSLPSVPLESLVMGPQGVLSKALWETMGQK
ENLWASDSDPDPVHSTPPTLMEPHRINPGECLATSEATWKDTEHSRNSASRSPSLALSPPPALAPELLR
VRSMGVLSDSEARCGDIQKTKNSWASKHPACNLPQDLHGASPLGVLSDSISVIGEMEKENCVVFPGRG
SSPSSNSVSKSHVSEPIADQSNYKPDGEAVEQRKNHWATELPAPSSLSTPLPEPHIDLLELVWRNVQREV
PQGPSPLAVDPLHPVPQPPTLAEAVKIERTHPGLPKGVTCPGVKA EAPLSQRWTVPELLTHPGIHAQWS
RELKLRLLKLRQSPASRAPGPSQSFSSPILSSTIPDFWGLPSCPQQIYPPNCPHSSSCHPQEVQRTV
PQPVSSSHCHHFQSSSQLQPQESGRAEQSGRGEKMKGMVSVQVSPQGPCVHMEAGVDYLSPPGPEPNS
KVLVSGKRKDKASASSAKKREHPRKPKAGDHRRTARLGLSTVTGKNHPAQARSLVEAPVSTFPQRSQH
RGQSSQHTALPQLLLPKASGPQDQPEAGRRASDILTPRHCKHCPWAHMEKYLSPFTLKASLTRGLQKVL
KCLDNHRPLPTKSSQ
    
```

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_203299

ORF Size: 3237 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.

RefSeq: [NM_203299.1](#), [NP_976044.1](#)

RefSeq Size: 3406 bp

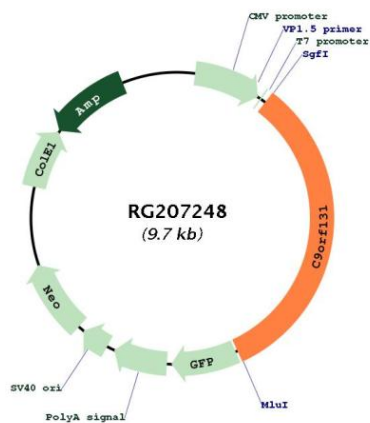
RefSeq ORF: 3240 bp

Locus ID: 138724

UniProt ID: [Q5VYM1](#)

Cytogenetics: 9p13.3

Product images:



Circular map for RG207248