

## Product datasheet for **RG203850**

### **C9orf30 (MSANTD3) (NM\_080655) Human Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C9orf30 (MSANTD3) (NM_080655) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C9orf30
Synonyms:	C9orf30; L8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG203850 representing NM_080655 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCAAAACAACGAAATTATAAAGCCTGCCAAATACTTCTCAGAATTGGAAAAGAGCATCCTGCTGGCTT  
TAGTAGAAAAGTATAAATATGTGCTGGAATGTAAGAAAAGTGATGCGCGAACTATTGCCCTTAAGCAGCG  
TACCTGGCAGGCGCTGGCCACGAATACTCTCAGCCAGCGTGTCCCTGCGGGATTTCAAACAGCTG  
AAGAAGTGCTGGGAGAACATCAAGGCTCGGACCAAAAAAATTATGGCCCATGAAAGGAGAGAAAAGTGA  
AACGGAGCGTCAGCCCTCTCCTGAGTACCCACGTCTAGGAAGGAGAAGATCGCCAGCATGCTGCCGGA  
GCAGCTCTACTTCTGCAGAGCCCCCGGAGGAGGAGCCCGAATACCACCCCGACGCCTCAGCCCAAGAA  
TCATTTGCTGTTTCAAATAGAGAACTGTGCGATGATGAGAAAAGAGTTCATACATTTCCAGTATGTGAGG  
GGACCTCTCAACCTGAACCTCGTGTTCAGCTGTGAGAATAACAGCCAATAAAAACTACAGGAGCAAAAAC  
CTCTCAGGAAGGTGCTTTAAAAAAGATGCATGAGGAAGAACCATCAACAAATGTCCATCTTACAACCTG  
CAACTGATACAAATGAATGAGGTGCATGTGGCCAAAATCCAGCAGATAGAGCGAGAGTGTGAGATGGCAG  
AGGAGGAACACAGGATAAAAAATGGAAGTTCTCAATAAAAAAGAAGATGATTGGGAAAGAAAACACAAAC  
TTTTACCAAGGAATGGCCTGTTTCCTCATTTAACCGGCCCTTTCCAATTTCGCC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG203850 representing NM\_080655  
 Red=Cloning site Green=Tags(s)

MQNNEIIPAKYFSELEKSILLALVEKYKYVLECKKSDARTIALKQRTWQALAEYNSQPSVSLRDFKQL  
 KKCWENIKARTKKIMAHERRREKVKRSVSPLLSTHVLGKEKIASMLPEQLYFLQSPPEEEPEYHPDASAQE  
 SFAVSNRELCDDEKEFIHFPVCEGTSQPEPSCSAVRITANKNYRSKTSQEGALKKMHEEEHHQMSILQL  
 QLIQMNEVHVAKIQQIERECEMAEEEHRIKMEVLNKKKMYWERKLTFTKEWPVSSFNRFPNSP

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_080655

**ORF Size:** 825 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\\_080655.3](#)

**RefSeq Size:** 1175 bp

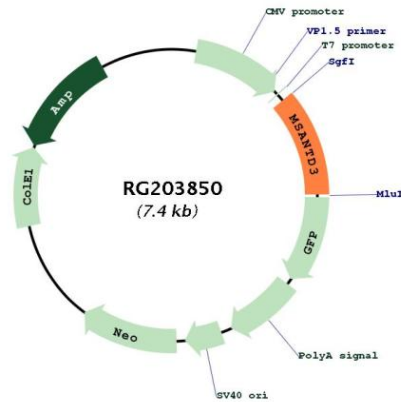
**RefSeq ORF:** 828 bp

**Locus ID:** 91283

**UniProt ID:** [Q96H12](#)

**Cytogenetics:** 9q31.1

**Product images:**



Circular map for RG203850