

Product datasheet for **RG212170**

CXorf30 (NM_001098843) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	CXorf30
Synonyms:	RP11-87M18.1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence: >RG212170 representing NM_001098843
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAAATGACATGTATTGCTCTGGACAGCACTTGCATTGAAATACCTCTCTAATCCAAAAGATAGAG
 GTCTTCACTTAGAGGTGCAGTTAACGAGTGTGCCCTTAATGGGGATAATGAAATTATCCTGAGTCCACT
 ACAGTGCACCAATATATTGTATGGTATTCTCCAGCAACTACAGGCTACAGCGATGAAAGCATTATTTTT
 CAGCCTGAAATGGCTGAAGAGTTCTGGTATTTACTGAAGTTAACTATTGAATTACCAAAACCAACCACAA
 TGCCAGAAATACAGTGCAGCTTGGCAAGCATGTCACCTCAGATCATTCTTTAGTTAATTGTACGCATGA
 AACCTTAAATTTGCAAGTAACAAACAGTAATCCTGAAAAATTTGTCTGGATATTAAACAGAAAAACACAA
 CTGATCATATCTCCTCACTCCACCACAGAATTACCTGTTCTCTTTATCCTTCTGCACTTGGAAAGAGCTG
 ATCATCAAGCTTGCATCAACTTCTACTGTACTCAGTTTACAGAATGGAAATTTACTTATCTGGAGTAGG
 ACTATTTCCCGAGCTCTAGACACGGAAAGAATAACCACACGCATTGGTCTTCAGTCAACTATTGTTATA
 CCTTTCAAAAATCCCAATGGAAAGATGTCTCATTGATATAATACTGACAAGTGTGGAAACATCCAGGA
 ATCTTGTCTGGATCATTGCTGGGATAGCTTCTATGAGAGTTCTGCCTTCAGATTTAGTTCTCCGAG
 TGAAATACAAGGAATTGCACCTCCTAAAGGAAATATAGATATCTCATTGTTATTTATACCTCAAATT
 ATGAAATTACAAAAAATGGTTATTATTGAGATGACGAAAGCAAATGGAAAAATTTGGCCTATTGACA
 ATTTTGTAGAGTTGGATATAAAATTTAAAGTATTGTGGGAATCGACAGCGAAGAAATCCAAGCAATACA
 CTGGATATACCCTATTGTTGGACTCCCAAGCACCACCTCCTAAATCTCCCCAGTTGTCATACAATGT
 CAGTCCAGGAAGCGGGCAGAAGAGAAGGTAGAAATCATACTGAATGCTGGTTTTTTCGGATTTAGTCTTA
 CTCCAGATCTGACAGAAGTTTGTAGTATCCAAAAAGAAATTCACATAATTTTGTGAGGATCCCAATGA
 AATTCCTAAAATACATGAATTCGAGTATGAAATCAATTTGAATCTGAAGCTATGAAGTCTAAGTTGGAA
 TCCTGTGTAGCTTTATATATGATTGAAAAATCTTATGATATTATGGCTAAAAGGATAACATTTATCTTCA
 ATCTGGTATTCACACCAAGAAACCATTAAGGTCTCACATAACACTGAAAAATAGAGTGCCTAACAGAAGG
 GATCTGGAAGTTTCCATAATGTTGATCGCTACTGAACCTGATACGGATGCTGTCATTGACATTGAAGGA
 GTTGGTTTATTTAAGGAATCTGTTTTTGAACCTTAGGCTGAAAAGTCAGACAAGAAATCCTGAGCCGTTCA
 CCGCACACTTCTACCTGGCAGCGATCTGGAGTTTTTGTAAAACCTCAGGCTGGAGAACTTCTTCTTT
 TAACACAAACGGAACCTCATCACTGTAGGATTTAAACCTAAAATGTACTGTAGGAAATATAAGCAACA
 TTAGTAATACAGACAGAAGAAATGTACTGGAAGTATGAGATCAATGGATTAACCTCAACTACCGTCCAC
 CAAAAAATGCAAAAGCCAAAATTGATGCTACTCACAAGACACATGACAACATGCCAGTCCGTCCACATAA
 TTTTGTCCGTGAAAATACTAACTCATAAGAACAGGGGTGCTTCCACCATCAAGGGTGCTCCTTTGGTG
 AAGAATCAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG212170 representing NM_001098843
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MEMTCIALDSTCIEIPLSNPKDRGLHLEVQLTSAALNGDNEIILSPLQCTKYIVWYSPATTGYSDESIIF
 QPEMAEEFWYLLKLTIELPKPTTMEIQCDLGKHVTQIIPLVNCTHETLKLQVTNSNPENFVLDINRKSQ
 LIISPHSTTELPLVLYPSALGRADHQACINFYCTQFTWKFYLSGVGLFPQPLDTERITTRIGLQSTIVI
 PFKNPTMEDVLIDIIILTSVEHPRNLVMDHCWDSFIYESSAFRFSSPSEIQGIALPPKGNIDISLLFIPQI
 MKLHKTMVIIEMTKANGKYWPIDNFDLDIKFSIVGIDSEEIQAIIHWIYPIVGLPQAPPPKSPVVIQC
 QSRKRAEEKVEIILNAGFFGFSLPDPLTEVLVIPKRNSHNFCEDPNEIPKIHEFEYEIQFESEAMSKLE
 SCVALYMIKESYDIMAKRITFINLVFTPKKPLRSHITLKECVTEGIWKFPIMLIATEPDTDAVIDIEG
 VGLFKESVFELRLKSQTRNPEPFTAHFLPGSDLEFFVKPQAGELLFNTNGTLITVGFKPKMYCRKYKAT
 LVIQTEEMYWKYEINGLTPTTVPPKNAKAKIDATHKTHDNMPVRPHNFVRENTKLIRTVGSSTIKGAPLV
 KNQ

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001098843

ORF Size: 1899 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:

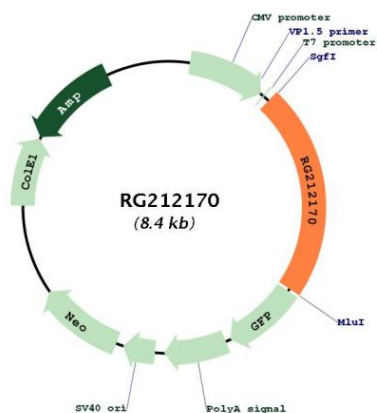
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store 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_001098843.4](#), [NP_001092313.2](#)

RefSeq Size: 2665 bp
 RefSeq ORF: 1902 bp
 Locus ID: 645090
 Cytogenetics: Xp21.1

Product images:



Circular map for RG212170