

Product datasheet for **RG207934**

C1orf74 (NM_152485) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1orf74 (NM_152485) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C1orf74
Synonyms:	URLC4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG207934 representing NM_152485 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTGCTTCTAGATCTCATGTCATCACCGAGCCCTCAGCTGCTGGTGGCAGCTGCTCAGCAGACCCTTG
GCATGGGAAAGAGACGGAGTCCACCCCAAGCCATCTGCCTTCACTTAGCTGGAGAGGTGCTGGCTGTGGC
CCGGGGACTGAAGCCAGCTGTGCTCTATGATTGCAACTGTGCAGGGGCATCAGAGCTCCAGAGCTATCTG
GAGGAGCTGAAGGGGCTTGGCTTCTGACTTTTGGACTTCACATCCTTGAGATTGGAGAAAACAGCCTGA
TTGTCAGTCTGAGCATGTATGTCAGCACTTGGAGCAGGTGCTGCTTGGTACCATAGCCTTGTGGATGT
TTCCAGCTGCCAGCGTCACCCCTTCTGTCTGCTCCCTGGACCAGCTTCAGGACTTGAAGGCCCTCGTGGCT
GAGATCATCACACATTTGCAGGGGCTGCAGAGGGACTTATCTCTAGCAGTCTCCTACAGCAGGCTCCATT
CCTCAGACTGGAATCTGTGTACTGTATTTGGGATCCTCCTGGGCTATCCTGTTCCCTATACCTTTTACCT
GAACCAGGGAGATGCAACTGCTTAGCTCTGACTCCACTACGAGTATTCAGTCCCGGATCTCATGGTTG
CTAGGTCAACCCCAATCCTGCTCTATTCTTTAGTGTCCAGAGAGTTTGTCCAGGCCCTGAGGGACA
TTCTAAACACCTGGGAGAAGGACCTCAGAACCCGATTTAGGACTCAGAATGACTTTGCTGATCTCAGCAT
CTCCTCTGAGATAGTCACACTGCCGGCTGTGGCCCTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG207934 representing NM_152485
 Red=Cloning site Green=Tags(s)

MLLLDLMSSPSPQLLVAAAQQLTGMGKRRSPQAICLHLAGEVLAVARGLKPAVLYDCNCAGASELQSYL
 EELKGLGFLT FGLHILEIGENSLIVSPEHVCQHLEQVLLGTIAFVDVSSCQRHPSVCSLDLQDLKALVA
 EIITHLQGLQRDL SLAVSYSRLHSSDWNLCTVFGILLGYPVPYTFHLNQDDNCLALTPLRVFTARISWL
 LGQPPILLYSFVPESLFPGLRDILNTWEKDLRTRFRTOQDFADLSISSEIVTLPAVAL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_152485

ORF Size: 807 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_152485.4](#)

RefSeq Size: 1642 bp

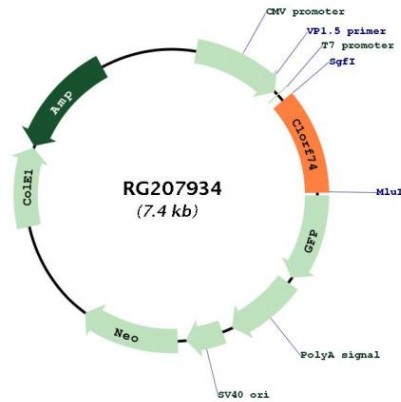
RefSeq ORF: 810 bp

Locus ID: 148304

UniProt ID: [Q96LT6](#)

Cytogenetics: 1q32.2

Product images:



Circular map for RG207934