

Product datasheet for **RG214695**

C1orf229 (NM_207401) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1orf229 (NM_207401) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: C1orf229
Synonyms: FLJ45717
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG214695 representing NM_207401
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCCTGTGCACCCTCCAGCCCCTGGGCCCTCCTCGAAAATCCTCCACATCCTGCGGGACCTGGACCG
 CCAGCGGCCTCCCAAGCCTGGGCCATTTGCCCGTCGCTCCGCCTGGCATTGACTTCTTAGAACCGCG
 GGCACGAGGGCAGCGTGGGGCAGTGGTGGCTGTCAGTCCACGCGGGCCGCCGAGAGGACGCGCCACCC
 CACCCTCAAACGCCGTCTCTGCTTCAGCCAGAGCCGTCCCTGACATGGGCCAGGGACGCGGTGCA
 GAGGCCACTTCCGGTCACTCCCCGCTGCGGCCCTCGCGCTCCGGGAGCCGACCCCTCCGCTGCGCCAGCTC
 CGACCGCAGTCTTCGGGAGCAGAAGCAGCGCCGCGGGGCCCTGACCCACACCCCTCCCGGCGCCTCCG
 CCTGCAGGACCCCGGCCCTCCCGGGCTCGCTGGGTCCCTCCGCCCGGCCGCTCCCGCACCGCGCGCG
 GTGCCTACGAGCTCCAAGGCGGCGCCAGCCAAGACGGTCCCGCCAAGCGGCGGTGGGTGCGACCCAC
 CACGGGCCCGGCACCGGCGGGAGGGCGCGCTCCTAGGCTGCGGGAGCGGACGGACCCCTCCGACTTCG
 GCCACCTGGCGCCGCGCCTCCTCCCGCCGAAGTCCCTCCCGGGCAGCCGCCGAACTTTCCGGAGC
 GGGAGCGACTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG214695 representing NM_207401
Red=Cloning site Green=Tags(s)

MGLCTLQPLGPPRKSSTSCGTWTASGLPSLGHLPRRLRLAFDFLEPRARGQRGGSGGCQSTRAAERTRPP
 HPPNAVLLQLPEPSL TWAQGRGCRGHFRSLPAAASRSGSRTLRCASSDRSLREQKQRRAGPDPTPSPAPP
 PAGPRPSPGSLGPSAAPARTARGAYELQGGASQDGPQAAVGATPTTGPGTGGEGALLCGCGSRTPPTS
 ATWRRRLLPAEVPPGAAAANFPERERL

TRTRPLE - GFP Tag - V

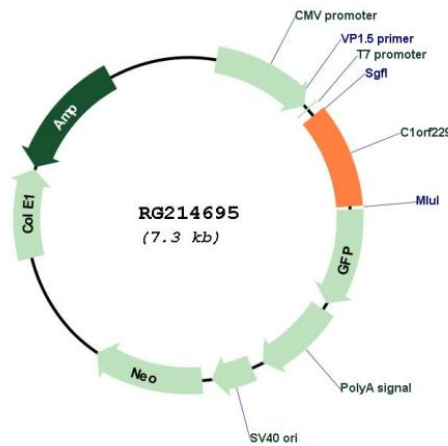
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_207401

ORF Size: 711 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:	<ol style="list-style-type: none">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_207401.2 , NP_997284.1
RefSeq Size:	2258 bp
RefSeq ORF:	714 bp
Locus ID:	388759
Cytogenetics:	1q44