

Product datasheet for **RG206411**

GRRP1 (FAM110D) (NM_024869) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GRRP1 (FAM110D) (NM_024869) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	GRRP1
Synonyms:	GRRP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG206411 representing NM_024869 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTCCTGGCCCTCCCTCCACCCCGTCCAGAGGACGGACCCCGAGCGCCGTGGAGAGGCTGGAAGCCG
ACAAAGCCAAGTATGTCAAGACGCACCAGGTGATAGCTAGGCGACAGGAGCCAGCCCTGCGTGGGAGTCC
TGGGCGCTCACGCCGACCCCTGCAACGAGCTGGGGCCCGTCATCGCCAGGACGCCAGGCCGGTC
CGCCGGGAAGCGCAGGCGGCTGCCAAGGCTGATTCCCTCATCTTCTACCGCCAGAAGCGGGACTGCA
AGGCTTCGGTGAACAAAGAGAACGCCAAGGCCAGGGTCTGGTGGCGCCTCTTCTGGGTGCCCGCG
GGACGCTGCCCGAGCAGCCCGGCTCCACAGAGCGACCTGCGGCTTACGGGGTTGGGCTGCGCCCGAG
GATGCCCGGAAGCGCGGGAAAGCGGGCGCTGTGCCACGTGCTCGCTGCCCTGTGCGAGAAGGAGC
GTTTCTCAACTACTGCGGCTGGAGCGCGCTGGTGGAGGTGCTGGGCGCAGAGCGCTTCTCCCCGA
GAGCTGGGAGCCGACGCCAGCCCGAGGCCGGAATTCGCCCGCCCGGCTCCGGGACGCCAGCGAC
TGGACATCCAGCGACAGGGCGTGGACAGCCCGGGCGGCGGGCGGGCGGGCTCGGAGGCAGCGG
GCTCGGCGGGACCGGCCCGCCCGGTGTCGGTGGTGGAGCGCAACCGCGCGTATCCAGTGGCTGTA
CGGCTGCCAGCGCGCCCGGACCGCGCGGAGTCCGAGGTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >RG206411 representing NM_024869
 Red=Cloning site Green=Tags(s)

MLLAPPSTPSRGRTPSAVERLEADKAKYVKTHQVIARRQEPALRGSPGPLTPHPCNELGPPASPRTPRPV
 RRGSGRRLPRPDSLIFYRQKRDCASVKNENAKGQGLVRRFLGAPRDAAPSSPASTERPAASGGWAAPQ
 DAPEAAGKRALCPTCSLPLSEKERFFNYCGLERALVEVLGAERFSPQSWGADASPQAGTSPPPGSGDASD
 WTSSDRGVDSPPGAGGGGSEAAGSARDRRPPVSVVERNARVIQWLYGCQRARGPPRESEV

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_024869

ORF Size: 813 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_024869.2](#), [NP_079145.2](#)

RefSeq Size: 1568 bp

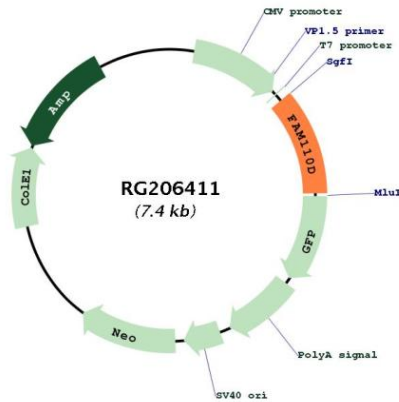
RefSeq ORF: 816 bp

Locus ID: 79927

UniProt ID: [Q8TAY7](#)

Cytogenetics: 1p36.11

Product images:



Circular map for RG206411