

Product datasheet for **MG200757**

PPP1r11 (BC027737) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppp1r11 (BC027737) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Ppp1r11
Synonyms: HCGV, HCG-V, Tcte5
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG200757 representing BC027737
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGAGACAGGGCCGGGATAAGTGAGACCGTCACTGAGACAACGGTTACTGAGACAACGGTTACCG
 AGACAACCGAGCCAGAGAATCAGAGCCTAATTATGAACTTCGGAACGCAAGCCAGAGAAGAAGGTGGA
 GTGGTCCAGTGACACTGTGGACAATGAGCATATGGGGCGACGCTCGTAAATGCTGTGTATTTATGAG
 AAGCCTCGGGCCTTTGGCGAGAGCTCACCAGAGTGATGAGGATGAAGAAGAAGGCTGTAGTCATAAGC
 ACTGTGTACGGGGTCACCGCAAAGGACGGCGTCTACAACCCAGCACCCACCCCAACCACTCCTCCACA
 GCCTCCTGATCCCTCTCAGCCCCCTCAGGACCTATGCAGCAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG200757 representing BC027737
 Red=Cloning site Green=Tags(s)

MAETGAGISETVTETTVTETTVTETTEPENQSLIMKLRRKPEKKVEWSSDVTVDNEHMGRRSSKCCCIYE
 KPRAFGESESSEDEDEEEGCSHKHCVRGHRKGRPTTPAPTPTTPQPPDPSQPPPGPMQH

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI


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Cloning Scheme:



ACCN: BC027737

ORF Size: 395 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.

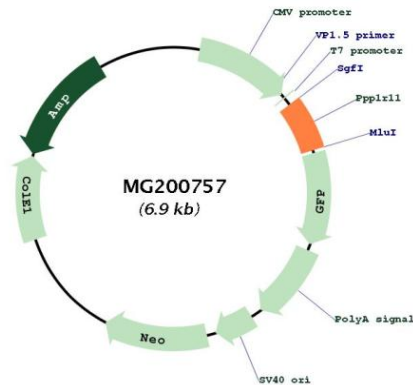
RefSeq: [BC027737](#), [AAH27737](#)

RefSeq Size: 652 bp

RefSeq ORF: 395 bp

Locus ID:	76497
Cytogenetics:	17 19.16 cM
Gene Summary:	Atypical E3 ubiquitin-protein ligase which ubiquitinates TLR2 at 'Lys-754' leading to its degradation by the proteasome. Plays a role in regulating inflammatory cytokine release and gram-positive bacterial clearance by functioning, in part, through the ubiquitination and degradation of TLR2 (PubMed:27805901). Inhibitor of protein phosphatase 1 (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG200757