

Product datasheet for **MG200849**

Prr13 (NM_025385) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Prr13 (NM_025385) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Prr13
Synonyms: 1110020C13Rik; 2010324E22Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG200849 representing NM_025385
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGAATCCTAATGCTGGACCGAATCCATATCCACCCCAAGTTGTGTGCCCAGGAGGTTCCAATCCTG
CCTGTCCACCACCTCTCAATCCTGCCTTCCCCCTGGCCCTGTCCTCCCGAATCCCCAGGGAAACCC
AGCTTTCCTCCGTGTCGTCCTTATCCTGTACCACAACCAGGGTGTCCAGGATACCAACCTCAGT
CCCTACCCTCCCCATACCACCACCTGCTCCTGGCATGTGCCCGTGAATCCTCCGGCTCCTGGCATGG
TGGTCCCGAATCGTGATAGACAAGAAGACTCGGAAGAAAATGAAGAAAGCTCATAAGAAGTCGCACAA
GCATCACAAGCACGGGAAGCACTCCTCCTTCTCCTCCTCCTCCTCCAGCAGTGACTCTGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG200849 representing NM_025385
Red=Cloning site Green=Tags(s)

MWNPAGPNPYPPQVVCVCGGSSNPACPPPLNPAFPPGCPGPIPQGNPAFPPCRPPYPVPQPGCPGYQPSG
PYPPYPAPPAGMCPVNPPAPGMVGPVIDKTRKMKKAHKSHKHHKHGKHSSSSSSSSSSDSD

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

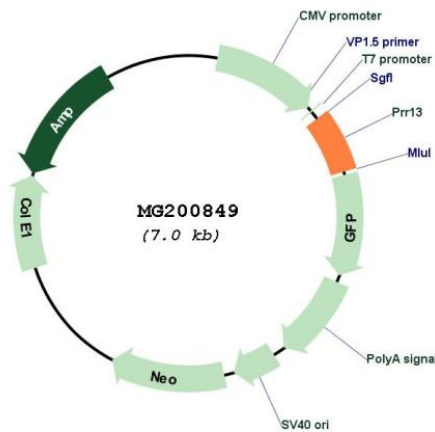


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Cloning Scheme:



Plasmid Map:



ACCN:

NM_025385

ORF Size:

411 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_025385.3
RefSeq Size:	1374 bp
RefSeq ORF:	414 bp
Locus ID:	66151
UniProt ID:	Q9CQJ5
Cytogenetics:	15 F3
Gene Summary:	Negatively regulates TSP1 expression at the level of transcription. This down-regulation was shown to reduce taxane-induced apoptosis (By similarity).[UniProtKB/Swiss-Prot Function]