

Product datasheet for **MG219936**

Parvg (NM_001162500) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Parvg (NM_001162500) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Parvg
Synonyms: AI413459
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG219936 representing NM_001162500
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATTGGGAACACGTCTGGGTGGCTTTGGCCTTCAGCCTGGTCCACCCCATCTACATCTGGGAGAGT
CTGGTCTGTTTTTACCTGTCTTGGATTGAGGACCCCTGAAGGGATGGATGGACGGCCACTTCACCCAC
TGGGAAGCAAGGAAGAAGATGGAGTTAGAGTTCCTCTATGACCTGTTGCAGCTCCCAAAGGAGGTAGCT
CAGCCACGGAGGAAGAGCTTCCACGAGGAGGAAAGAAGAAATATCTGTACCCAATTCCAAGGAAC
CCAAGTTTGAAGAACTGCAGAAGGTGCTGATGGAATGGATCAACACCACACTCCTCCCGGAGCACATCGT
GGTCCGCAGCCTGGAGGAAGACATGTTTGGATGACTTATTCTGCACCACCTGTTCCAGAAGTTGGCATCG
CTCAAGCTGGAAGTGGAGGAAATCTCTGACCTCGGCCAGCCAGAGGCACAAGCTGGGGTTCATCTGG
AGGCCGTCAACCAGAACCTACAGGTGGAAGAGAAGCAGGCCAAGTGGAGCGTGGAGACCATCTTCAACAA
GGACCTGCTGGCCACCTTGCATCTCCTGGTGGCCCTGGCCAAACGCTTCCAGCCGGACCTGCCCTCCCA
GACAACGTCCAGGTGGAAGTCAACACATTGAGAGCACCAGCCGCTGAAGTCGGACAAGCAGGTGG
AGCAGCTCACAGAATGCAAGTCAACAAGGACCAGCCTTACAGGACGCCTTTGATGAATATTTAAGCT
GGCTCCGAGAAAAGTGCACGCCGTCCAAGAGGCCATTGTGAGCTTTGTCAACCAGAAGCTAGAGCGCCTG
GGCCTGTCTGTGCAGAGTCTGGATACCCAGTTTGCAGATGGCGTCATCCTGCTGATTGGACAAC
TGGAAAGGCTTCTTCTTGCATCTGAAGGAATTCTATCTCACTCCAGCTTCCACAGAAAATGCTGCACAA
TGTCAACCTAGCCCTGGATCTGCTCAAGGATGAAGGCCTGTTGAGCTACCTGTCAACCTGAAGATATT
GTGAACAAGGACGCCAAGAGCACACTGAGGATACTTTACAGCCTATTCCAGAAGCATTCACTGAGGGCGG
AGGGTGGAGGGGCACACCATGCTACCCAAAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG219936 representing NM_001162500
 Red=Cloning site Green=Tags(s)

MDWGTRLGGFGLQPGPPHLHLGESGLFFTC LGFRDPEGMDGRPLHPTGKARKKMEFLYDLLQLPKEVA
 QPTEEELPRGGKKKYLSPNSKRNPKFEELQKVLMEWINTLLPEHIVVRSLEEDMFDGLILHHLFQKLAS
 LKLEVEEISLTSASQRHKLGVILEAVNQNLQVEEKQAKWSVETIFNKDLLATLHLLVALAKRFQPDPLP
 DNVQVEVIHIESTKTGLKSDKQVEQLTECKSHKDQPLQDAFDELFKLAPEKVHAVQEAIVSFVNQKLERL
 GLSVQSLDTQFADGVILLLLIGQLEGFFLHLKEFYLTSSPTEMLHNVTLALDLLKDEGLFSYPVNPEDI
 VNKDAKSTLRILYSLFQKHSRAEGGGAAHATPN

TRTRPLE - GFP Tag - V

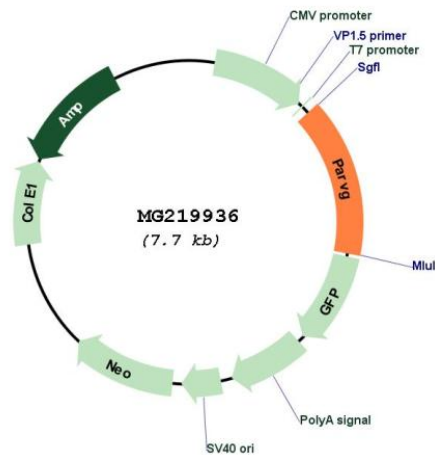
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_001162500

ORF Size:	1152 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_001162500.1 , NP_001155972.1
RefSeq Size:	2700 bp
RefSeq ORF:	1155 bp
Locus ID:	64099
UniProt ID:	Q9ERD8
Cytogenetics:	15 E2
Gene Summary:	Probably plays a role in the regulation of cell adhesion and cytoskeleton organization. [UniProtKB/Swiss-Prot Function]