

Product datasheet for **MG205972**

Prss23 (NM_029614) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Prss23 (NM_029614) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Prss23
Synonyms: 2310046G15Rik; 4930479H08Rik; AI790574; Spuve
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG205972 representing NM_029614
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTGGAATCCCGGGGCTCTTCATCCTTCTTGTCTGCTCTGTGTTCATGCAGGTGAGTCCCTACA
 CCGTCCGTGGAAACCCACATGGCCGGCTATCGCCTCCCTGTAGTCTTGCCCTCAGTCTACCCTCAACT
 AGCTAAGCAGACTTCGACGCCAAAGCGAAATTGGAGGTGCTCCTCATGTGGACCTCAGTGTACAAG
 GGAACACCACTGCCACCTACGAAGAGGCCAAGCAGTACCTTTCTATGAAACCCCTTATGCCAATGGCA
 GCCGCACAGAGACTCGGGTGGGCATCTACATCCTCAGCAATGGTGAAGGCAGGGCAGGAGGACTC
 GGAGGCCACAGGAGATCTCGCAGGAAGAGGCAGATTTATGGCTACGATGGCAGGTTTAGCATTTTGGG
 AAGGACTTCTGCTCAATTATCCTTTCTCAACATCGGTGAAGTTGTCTACTGGCTGCACTGGCACCTGG
 TGGCAGAGAAGCAGTCTCCTCACTGCTGCCACTGCATACAGTGGGAAAACCTATGTGAAAGGGACACA
 GAAACTCCGAGTGGGCTTCTGAAGCCCAAGTATAAAGATGGTGGCCGGAGGGGACAACAGCTCGAGCTCA
 GCCATGCCAGACAAGATGAAGTTTCACTGGATCCGCGTGAACGCACCCATGTGCCAAGGGGTGGATCA
 AGGGCAATGCCAATGACATCGGCATGGATTATGACTACGCCCTGCTGGAAGTCAAGAAACCCACAAAAG
 ACAGTTCATGAAGATTGGTGTGAGTCTCCAGCGAAGCAGCTCCAGGGGGCAGGATCCACTTCTCTGTT
 TATGCAATGACCGCCCGCAATTTGGTGTACCGCTTCTGTGATGTCAAAGTGAAGCTACGACCTTC
 TCTACCAGAGTGTGACGCCAGCCGGGCCAGTGGTTCAAGGGTCTATGTGAGGATGTGGAAGAGACC
 ACAGCAGAAATGGGAAAGAAAATTATCGGCATCTTTTCAGGGCACCAAGTGGGTGGACATGAATGGCTCT
 CCACAGGATTTCAACGTGGCAGTTAGAATCACGCCTCTTAAATATGCCAGATTTGCTATTGGATTAAG
 GAAACTACCTAGATTGCAGGGAGGGG

ACCGTACCGGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG205972 representing NM_029614
 Red=Cloning site Green=Tags(s)

MAGIPGLFILLVLLCVFMQVSPYTPWKPTWPAYRLPVVLPQSTLNLAKADFDAKAKLEVSSSCGPQCHK
 GTPLPTYEEAKQYLSYETLYANGSRTETRVGIYILSNTEGRARGRDEATGRSRRKRQIYGYDGRFSIFG
 KDFLLNYPFSTSVKLSGTCTGLVAEKHVLTAACIHDGKTYVKGTKLQKLVGFLKPKYKDGAGDSSSS
 AMPDKMKFQWIRVKRTHVPKGIKGNANDIGMDYDYLLELKKPHKRQFMKIGVSPPAKQLPGGRIHFSG
 YDNDRPGNLVYRFGDKDETYDLLYQCCDAQPGASGSVYVRMWRPQQKWERKIIGIFSGHQWVDMNGS
 PQDFNVAVRITPLKYAQICYWIKGNYLDCREG

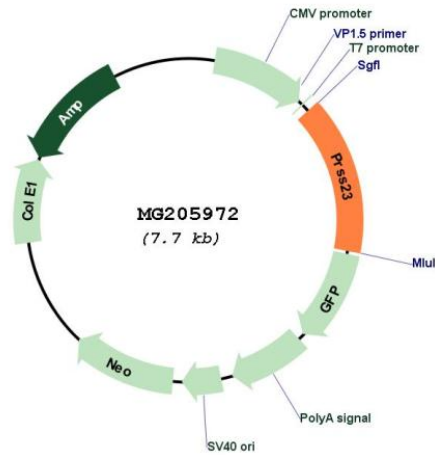
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_029614

ORF Size:	1146 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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_029614.4
RefSeq Size:	3226 bp
RefSeq ORF:	1149 bp
Locus ID:	76453
UniProt ID:	Q9D6X6
Cytogenetics:	7 D3