

Product datasheet for RR210287

Prss23 (NM_001007691) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Prss23 (NM_001007691) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Prss23
 Synonyms: MGC94216
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR210287 representing NM_001007691
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTGGAATCCAGGACTCCTCATCCTTCTCCTTGCTCTGTGTGTTTCATGCAGGTGAGTCCCT
 ACAACGTTCCGTGAAACCAACATGGCCGGCTTACCGCCTCCCTATAGTCTTGCCTCAGTCTACCCTCAA
 GTTAGCCAAACCAGACTTCGATGCCAAAGCAAATTTGGAGGTGCTCCTCATGTGGACCCAGTGTCCAC
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 CTCGGAGGCCGCAGGAAATCTCGCAGGAAGAGGCAGATTTATGGCTATGATGGCAGATTTAGCATTTC
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 ACAGAACTCCGAGTGGGCTTCTGAAGCCCAAGTATAAAGATGGTGCCGGAGGGGACAACAGTTCAAGC
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 GGCTACGACAATGACCGCCCGCAATTTGGTGTACCGCTTCTGTGATGTCAAAGATGAGACATACGACC
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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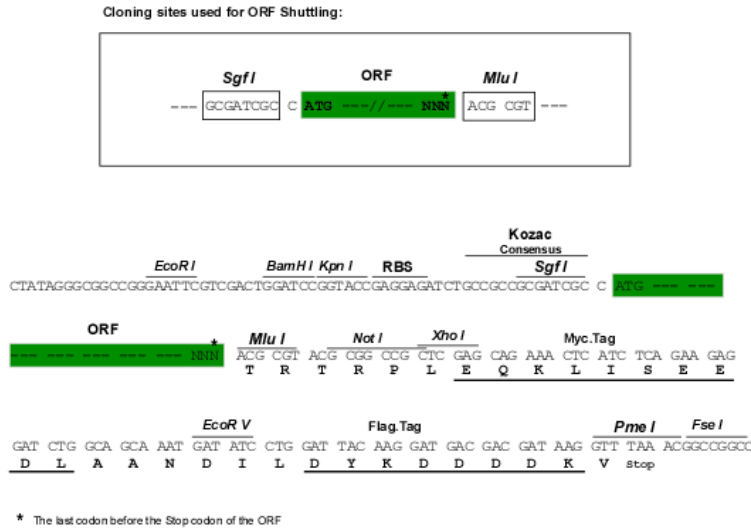
MAGIPGLLILLVLLCVFMQVSPYNVPWKPTWPAYRLPIVLPQSTLKLAKPDFDAKAKLEVSSSCGPQCH
 KGTPLPITYEEAKQYLSYETLYANGSRTEQVGIYILSNAGEGRARSRDSEAAAGKSRRKRQIYGYDGRFSIF
 GKDFLLNYPFSTSVKLSGTCTGLVAEKHVLTAHCIHDGKTYVKGTKQLRVGFLKPKYKDGAGGDNSSS
 SALVEKMKFQWIRVKRTHVPKGIKGNANDIGMDYDYLLELKKPHKRKFMKIGVSPPAKQLPGGRIHFS
 GYDNDRPGNLVYRFCDVKDETYDLLYQQCDAQPGASGSGVYVRMWRPQQKWERKIIIGIFSGHQWVDMNG
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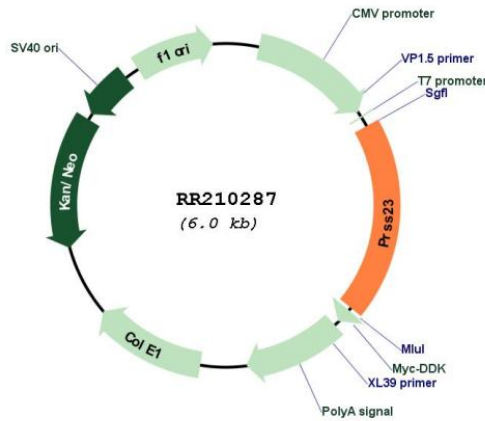
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001007691

ORF Size:	1149 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_001007691.1 , NP_001007692.1
RefSeq Size:	1877 bp
RefSeq ORF:	1152 bp
Locus ID:	308807
UniProt ID:	Q6AY61
Cytogenetics:	1q32
MW:	43.2 kDa