

Product datasheet for **RR214190**

Prss3 (NM_173127) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Prss3 (NM_173127) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Prss3
Synonyms: Try3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR214190 representing NM_173127
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGGCCTTAATTTTCCTTGCTTTCTTGGAGCTGCTGTTGCTCTCCCTCTGGATGATGATGATGACA
AGATTGTTGGAGGCTACACCTGCCAGAAGAATTCTCTCCCATACCAGGTGTCTCTGAATGCTGGCTACCA
TTTTTGTGGAGGCTCCCTCATCAATCCAGTGGGTTGTTTCAGCCGCTCACTGCTACAAATCCCGAATT
CAGGTGCGCCTGGGAGAACACAACATTGATGTCGTTGAGGGTGGTGAGCAATTCATTGATGACAGCTAAAA
TCATCCGCCACCCAGTTATAATGCAAACACCTTTGACAATGATATTATGTTGATTAAGCTGAATTCACC
TGCCACCCTCAATTCTCGAGTGTCCACTGTCTCTGCCAAGATCTTGTGGATCATCTGGTACTAAGTGC
CTTGTGTCTGGCTGGGCAACACCCTGAGCTCTGGCAGCAACTACCCTTCACTGCTTCAGTGTCTTGATG
CCCCTGTCTCTGACAGTCTTGCAAAGTTCTTACCAGGCAAGATCACTAGCAACATGTTCTGTCT
GGGCTTCTGGAGGGCGAAAGGACTCTGCCAGGGTACTCTGGTGGCCCTGTAGTCTGCAATGGCCAG
CTCCAGGGTGTGTTTCTGGGGTTATGGCTGTGCTCAGAAAGGAAAACCTGGTGTCTATACCAAGGTAT
GCAACTACGTGAAGTGGATTCAGCAGACCGTCGCTGCCAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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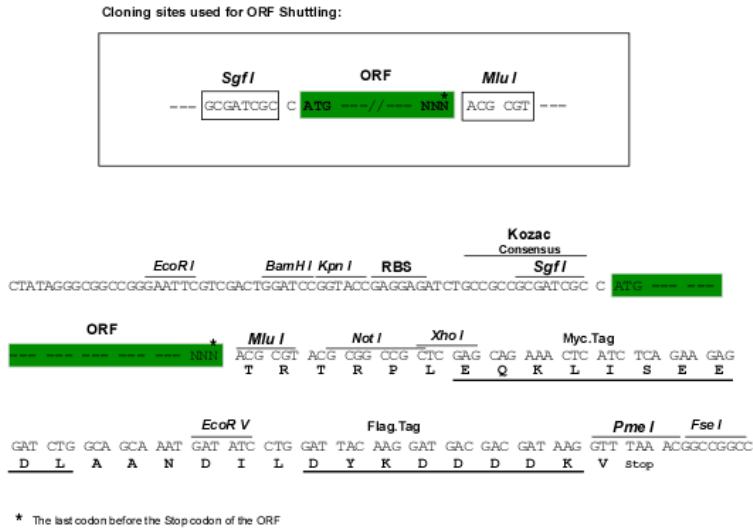
Protein Sequence: >RR214190 representing NM_173127
Red=Cloning site Green=Tags(s)

MKALIFLAFLGAVALPLDDDDDKIVGGYTCQKNSLPYQVSLNAGYHFCGGSLINSQWVVSAAHCYKSRI
 QVRLGEHNIDVVEGGEQFIDAAKII RHPSYNANTFDNDIMLIKLN SPATLNSRVSTVSLPRSCGSSGTKC
 LVSGWGNLSSGTNYPSSLQCLDAPVLS DSSCKSSYPGKITSNMFCLGFLEGGKDCSQGDSGPPVVCNGQ
 LQGVVSWGYGCAQK GKPGVYTKVCNYVNW IQQTVAAN

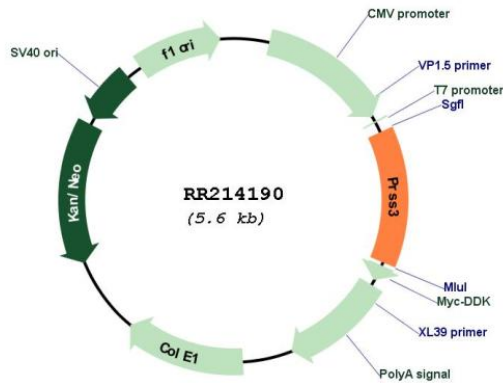
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_173127

ORF Size: 741 bp

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|-------------------------------|---|
| 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_173127.1 , NP_775150.1 |
| RefSeq Size: | 821 bp |
| RefSeq ORF: | 744 bp |
| Locus ID: | 286911 |
| UniProt ID: | P08426 |
| Cytogenetics: | 4q23 |
| MW: | 26.3 kDa |
| Gene Summary: | serine protease; involved in protein cleavage [RGD, Feb 2006] |