

Product datasheet for MR203088

Prss1 (NM_053243) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prss1 (NM_053243) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Prss1
Synonyms:	Try-1; Try1; Trygn16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203088 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTGCCTCCTGTTCCCTGGCCCTTGTGGGAGCTGCTGTTGCTTCCCTGTGGATGATGATGACAAGA
TCGTTGGAGGATACACCTGCCGAGAGAATTCTGTTCCCTACCAGGTGTCCTGAACCTGGCTACCACT
CTGTGGAGGTTCCCTCATCAATGACCAGTGGTGGTGTCTGCAGCTCATTGCTACAAGACCCGCATCCAA
GTGAGATTGGGGAGCACAATATCAATGTCCTGGAGGCAATGAGCAGTTTATCGATGCTGCCAAGATCA
TCAAGCACCCCACTTCAATAGGAAGACCCTGAACAATGACATCATGTTGATCAAGCTCTCATCCCCTGT
GACCTCAATGCCAGAGTGGCCACTGTGGCTCTGCCAGCTCCTGTGCACCTGCTGGCACTCAGTGTCTC
ATCTCTGGCTGGGCAACACTCTTAGCTTTGGTGTGAGTGAACAGACCTGCTCCAGTGCCTGGATGCC
CACTGCTGCCTCAGGCTGACTGTGAGGCTTCTATCCTGGGAAGATCACTGGTAACATGGTCTGTGCTGG
CTTCTAGAGGGAGGCAAGGATTCCTGCCAGGGTACTCTGGTGGCCCTGTGGTCTGCAATGGAGAGCTC
CAGGGCATTGTCTCTTGGGGCTATGGCTGTGCCCTGCCAGACAATCCTGGTGTGTACACCAAGGTCTGCA
ACTATGTGGATTGGATTCAGGACACAATTGCTGCCAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR203088 protein sequence
 Red=Cloning site Green=Tags(s)

MSALLFLALVGA AVFPVDDDDKIVGGYTCRENSVPYQVSLNSGYHFCGGSLINDQWVVSAAHCYKTRIQ
 VRLGEHNINVLE GNEQF IDAAKI IKHPNFNRKTLNNDIMLIKLS SPVTLNARVATVALPSSCAPAGTQCL
 ISGWGNTLSFGVSEPDLLQCLDAPLLPQADCEASYPGKITGNMVCAGFLEGGKDCSQGDSGGPVCNGEL
 QGIVSWGYGICALPDNPGVYTKVCNYVDWIQDTIAAN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_053243

ORF Size: 741 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:

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_053243.2](#), [NP_444473.1](#)

RefSeq Size: 807 bp

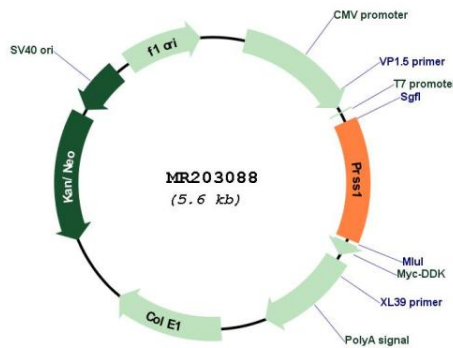
RefSeq ORF: 741 bp

Locus ID: 114228

Cytogenetics: 6 19.6 cM

MW: 26.1 kDa

Product images:



Circular map for MR203088