

Product datasheet for RN207107

Prss2 (NM_012729) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prss2 (NM_012729) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prss2
Synonyms:	Ptryss2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN207107 representing NM_012729 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGAGCACTCCTGTTCTGGCTCTTGTGGGAGCTGCTGTTGCTTTCCCGTGGATGATGATGACAAGA
TCGTTGGAGGATACACCTGCCAAGAGAATTCTGTTCCCTACCAAGTGTCCCTGAACCTCTGGCTACCACTT
CTGTGGAGGTTCCCTCATCAATGACCAGTGGTGGTGTCTGCAGCTCACTGCTATAAGTCCCGCATCCAA
GTGAGACTGGGAGAGCACAAATCAATGCCTTGAGGGCAATGAGCAGTTTGTCAATGCTGCCAAGATCA
TCAAGCATCCCAACTTCGATAGGAAGACCCTGAACAATGACATCATGCTGATCAAGCTCTCTTCCCTGT
GAAACTCAATGCTCGAGTGGCCACTGTGGCTCTTCCCAGCTCCTGTGCACCTGCAGGCACTCAGTGCCTC
ATCTCTGGCTGGGCAACACGCTCAGCAGTGGCGTCAATGAACCAGACCTGCTCCAGTGCCTGGATGCC
CACTGTGCCCAAGCTGACTGTGAAGCCTCCTACCCTGGAAAGATCACTGACAACATGGTCTGTGTTGG
CTTCTAGAGGGAGGCAAGGATTCCTGCCAGGGTACTCTGGTGGCCCTGTGGTCTGTAATGGAGAGCTG
CAGGGCATTGTCTCCTGGGGCTATGGCTGTGCCCTGCCAGATAACCCTGGTGTGTACACCAAGGTCTGCA
ACTATGTGGACTGGATTCAGGACACAATTGCTGCCAAC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_012729
Insert Size:	741 bp



OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_012729.2 , NP_036861.1
RefSeq Size:	796 bp
RefSeq ORF:	741 bp
Locus ID:	25052
UniProt ID:	P00763
Cytogenetics:	4q23
Gene Summary:	catalyzes the cleavage of Arg-Xaa, Lys-Xaa [RGD, Feb 2006]