

Product datasheet for **RN204354**

Prss44 (NM_001109298) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prss44 (NM_001109298) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prss44
Synonyms:	RGD1560940; Tessp4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204354 representing NM_001109298 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCCTTCCAGGGCTGTGACTCCCTCCGCTCTTGGTCTGGCTCTTGCTGCTTCAGACGCGATTGGGCA
 AAGCCCTATGATTCCAGGGACGCTACCGTCTCTTCTCCTCTCCCGTCAGAGAATGGCCTCGATGACCC
 GGGTGTAACCCACAAGAGAGGCCGCTCACAGGAATGCCTGAGACCTCGCTGCCTCTCAACCTGGGGT
 AGCATGACGCCCTTTGATTCAATGGGATTTACTCCAGGTCACTCTTTTCATCCATGAGTCTGTCAAGGC
 AATCATTTCCACCATGGATTCCACCCACTTCAGCTTGTGGCCACAGAAGTGCAGGATAGTTGGTGGAAA
 GCCTGCGCCCATAGGAAGTGGCCCTGGCAGGTGAGCCTGCAGGTCCACAAGCAGCACATCTGTGGTGGC
 TCCCTCATCAGCAATGGTGGGTGATGACCGCAGCCCACTGTGTCTACGCCCATCTGGATTACGTAGTGT
 CGATGGGAGAGGCTGACCTGTGGTCCAGTATGTCAAGTGAAGATTCAGATTCAAGACATCATTGTCCACCA
 AGATTACTCTGTGATGAGAACAATTGTACACGACATTGCCCTTGTCTGCTGGCCTTCCCGTGAATTAC
 AGTGTCACATCCAGCCTGTGTGCATCCCTGAAAAGTCTTTCTTGGTACAACCGGGGACCCTATGCTGGG
 TGACTGGATGGGCAAAACAATTGAACGAGGTAGATCATCAAGGGTGCTTCGGGAGGTTGACCTAAGTAT
 TATTCGTCACGAGAGATGTAATCAGATCCTTAAGGACATCACAGGAAGAATATTTACCCTAGTCCAGGAA
 GGGGAGTCTGTGGCTATAATAAGAAAGGAGGAGATGCCTGCCAGGGAGATTCTGGGGGGCCCATGGTCT
 CGGAATTTAATAAGACATGGGTGCAGGTAGGGATCGTGAGCTGGGCCTTGGCTGTGGTCAATCGGATA
 CCCTGGAATTTATACAGATCTCTCAGTGACACTGCACCTCTCCCAACCGCTGCACTATTGTGCTCA
 AGACTGCTTCAGGAACACGCTTGACAAAAGTGAATAACGAGTGTGGGAAGATT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001109298
Insert Size:	1113 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:	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:	<u>NM_001109298.1, NP_001102768.1</u>
RefSeq Size:	1258 bp
RefSeq ORF:	1113 bp
Locus ID:	501060
Cytogenetics:	8q32