

Product datasheet for RN202044

Prss8 (NM_138836) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Prss8 (NM_138836) Rat Untagged Clone
Tag: Tag Free
Symbol: Prss8
Synonyms: CAP1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN202044 representing NM_138836
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCTAAGGGTGGGCTGGGACTTGGGCAGCTGGAAGCCCTGTTTATTCTGCTCCTATTGGATTGC
 TCCAGTCAAGAATCGGAGCTGATGGGACTGAAGCTTCTGTGGTGCAGTCATCCAGCCACGCATCACAGG
 TGGTGGCAGTGCGAAGCCTGGTCAATGGCCCTGGCAGGTCAGCATCACCTACAATGGCGTCCACGTTTGT
 GGTGGGTCTCTCGTGTCAAATCAATGGTGGTGTGAGCTGCTCACTGCTTCCCCAGAGAACACAGCAAGG
 AAGAGTATGAGGTAAAGCTGGGGGCCACCAGCTGGACTCCTTCAGCAATGACATCGTGGTCCACACAGT
 AGCTCAGATCATCTCCACTCGAGCTACCGTGAGGAGGGCTCCAGGGTGACATCGCGCTCATCCGCCTC
 AGCAGCCCTGTCACCTTCTCCCGCTACATCAGACCCATCTGCCTCCCTGCAGCCAATGCCTCCTTTCCCA
 ATGGCCTCCACTGTACTGTACAGGATGGGGTCAATGTGGCTCCTTCAGTGAGCCTCCAGACCCCTAGGCC
 TCTGCAGCAGCTTGAGGTACCACTCATCAGCCGTGAAACCTGTAGCTGCCTGTACAACATTAATGCAGTG
 CCTGAAGAACCCACACTATCCAGCAGGACATGCTGTGCGCTGGCTATGTTAAGGGAGGCAAGGATGCTT
 GCCAGGGTGACTCTGGAGGCCACTCTTGTCCCATAGACGGCCTCTGGTATTTGGCAGGCATTGTGAG
 TTGGGGTGATGCGTGTGGCGCCCCAACCGGCCTGGAGTATATACTCTGACTTCTACCTACGCTTCTCTGG
 ATCCACCACCACGTGGCAGAGCTCCAGCCTCGCGCGTTCCCCAGACTCAGGAGTCCCAGCCGGACGGCC
 ACCTCTGCAACCATCATCCTGTCTTCAACTTAGCCGCAGCCAGAAATTGTCAAGGCCATACTTTTCTCT
 GCCACTGAGTCTGACCCTGGCCCTTCTCCCTTTGGCTTGAACAT**TAA**

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_138836



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Insert Size:	1029 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_138836.1 , NP_620191.1
RefSeq Size:	2208 bp
RefSeq ORF:	1029 bp
Locus ID:	192107
UniProt ID:	Q9ES87
Cytogenetics:	1q37
Gene Summary:	has serine protease activity; mediates increase in amiloride-sensitive sodium current from the epithelial sodium channel EnaC [RGD, Feb 2006]