

Product datasheet for **MG206425**

Prss35 (NM_178738) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prss35 (NM_178738) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Prss35
Synonyms:	6030424L22Rik; P3D9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206425 representing NM_178738 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAAAACGTTACTCTGGTTGGTAATTTAATCCCTGGATGGGCCCTCTCTGATGGGTGCGAAACAG
AACTAGACTTCACGTGGCACTTGAGCAGAATACCCAGGTTGTGAGTGAGAACACTATCCATCTTGCCAG
CCCCAGTTCCAGGCGGATGCTGGGGTGGTGAAGGCCACAGTGTGTGGCATCGAATGTCAGGAAGAGCTC
CCGGCTCCAGCCTTTCCAGTTGGAAGAGTCCCTATCCTATGAGACCATCTTCGAGAATGGCACCCGAA
CCTTAACCAGGGTAAAAGTTCAAGGTCTGGTCCCTGGAACCCACTCGGAACAGCAGCGTAAAAGGAGCACA
CCCTAGGAGAAGGAGGCAGGTGTATGGTACGGACAGCAGGTTCAGCATCTTAGACAAAAGGTTCCGGACC
AATTTCCCTTTAATACAGCAGTGAAGCTATCCACCGGCTGCAGCGGTACCCCTCGTTTCCCCAACCATG
TGCTCACAGCTGCCACTGTGTCCACGATGGGAAGGACTATGTCAAAGGCAGTAAAAAGCTGAGGGTGGG
AGTGCTGAAGTGAAGAAACAAAGGAGGTGCAAGAAACGCAGAGGTTCCAAAAGGAGCCGGAGAGAAGCA
GAGAGTGTGTCAAAGTCAGGCGCATCTTCGGGAGAGCACCCCAAAGACCGGGGAAAAAATCCAGGC
GTGGTCCAAGAGTACCCAAGGAAGGCCTTCTTCAAATGGACCCGCGTCAAGAGCACCCACATTTCCAA
AGGCTGGGTGAGGGGAGAGAATGGGGCCTGGCCTTGGACTACGACTACGCGCTCCTGGAGCTGAAGCGC
GCACAAAGCAACAGCACATGGAGCTGGGAGTCAGCCCCACCATCAACAAAGCTGCCGGGAGCCGGATCC
ACTTCTCTGGATTTGACAACGACAGGGATGAACAGTTGGTGTATCGGTTTTGCAGCGTTTTCTGAGGAATC
CAATGACCTCCTGTATCAGTATTGCGATGCTGAGGCAGGCTCCACAGGCTCGGGATCTACCTGAGGCTC
AAAGAACCAGGCCAAAAAATTGGAAGCGCAAGATCGTCGCGGTCTACTCGGGCCACCAGTGGTGGATG
TGCACGGAGTTCAGAAGGACTATAACGTGGCTGTGCGCATCACTCCGCTCAAGTACGCCAGATTTGCC
CTGGATCCACGGAAACGCTGCCAACTGTGCTTACGGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206425 representing NM_178738
 Red=Cloning site Green=Tags(s)

MENTLLWLVLIPGWALSDGSETELDFTWHLSRIPQVSENTIHLASPTFQADAGVVKATVCGIECQEEL
 PAPSLSQLLEESLSYETIFENGTRTLTRVKVQGLVLEPTRNSSVKGAPRRRRQVYGTDSRFSILDKRFAT
 NFPFNTAVKLSTGCSGTLVSPNHVLTAAHCVDHGKDYVKGSKKLRVGLKMRNKGGRRKRRGSKRSRREA
 ESAGQSQAHLRESTTQRP GKKSRRGPRVTQGRPSFQWTRVKSTHIPKGVWRGNGGLALDYDYLLELKR
 AHKQQHMLGVSPITITKLPGGRIHFSGFDNRDEQLVYRFCVSEESNDLLYQYCDAEAGSTGSGIYLRL
 KEPGQKNWKRKIVAVYSGHQWVDVHGVQKDYNVAVRITPLKYAQICLWIHGNAANCAYG

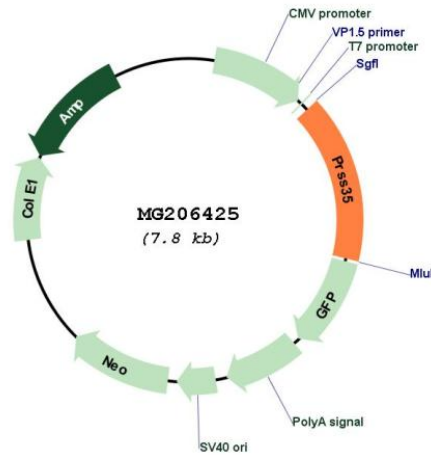
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_178738

ORF Size:	1227 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:	<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_178738.3
RefSeq Size:	3442 bp
RefSeq ORF:	1230 bp
Locus ID:	244954
UniProt ID:	Q8C0F9
Cytogenetics:	9 E3.1