

## Product datasheet for **MG223812**

### Prss36 (NM\_001081374) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Prss36 (NM_001081374) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Prss36
Synonyms:	C330007D15Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide  
Sequence:

>MG223812 representing NM\_001081374  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTCCCATCACCTGTTTCTCCAGTTGTAATCATGGTGGTCAGTCCCATCCCTCCAGGAGCCTTCCAGG  
 ACTCAGTGGTCAGTCCTACCCAAGGAGAATTTGAAGACCTAGACTGCGGCCGCCCTGAGCCCTTCCCCG  
 CATTGTGGGGGGCTCGGACGCTCATCTGGCACTTGGCCATGGCAGGTGAGCCTGCATCAAGGTGGGGG  
 CACATCTGCGGGGGCTCCCTCATCGCCCCTTCTGGTCTCTCCGCTGCTCACTGTTTCGTGACGAATG  
 GAACCTTGGAGCCCGGGACGAATTGTCAGTTCTGCTGGGCGTGCCTCCAGGACGGGCCCTGGAAGG  
 AGCGCACATGCGCTCAGTGGCCACCATCTGATACCGGACAACACAGCACAGTGGAACTGGGCGCAGAC  
 TTGGCTCTGCTGCGCCTGGCCTCGCCAGCAAGCTGGGCCCTCTGTGCGGCCGGTCTGCCTGCCTCGT  
 CCTCGCACCTCTCGCTCACGGAAGTGCCTGCTGGCCACTGGTGGGGGACGTCCAGGAGGCTGTCCC  
 TCTGCCTCTGCCCTGGGTTCTACAGGAAGTGGAGCTAAGGTTGCTGGGAGAGGCTGCCTGTCAATGTCTC  
 TACAGCCGTCTGCCCTTTCAACCTGACTTTCAGCTGTTGCCAGGGATGTTGTGTGCTGGCTATCCAG  
 CGGGACGAAGGGATACCTGCCAGGGTACTCTGGGGGACCGCTGGTCTGTGAGGACGGAGCCGATGGTT  
 CCTGGCCGGAATCACCAGCTTTGGCTTTGGCTGTGGACGGAGGAACCGCCCTGGGGTCTTCACTGCAGTG  
 GCTCCCTATGAGTCGTGGATTCCGGAAACAGTGATGGGTTCAGAACCTGGGCCTGTCTTCCAGCCAGC  
 TCCAGAAGCCACAGTCAGGACCTGGGAGCCCAGAGAAGAAAAGTACCTTTGCTCAACCAGAGTGCAG  
 GAAGGCTCCGAGGCCGGGACCTGGCCCTGGGAGGCCAAGTACCGTACCAGGCTCCACACCCTGCTAT  
 GGAGCTGGTGTCTGACAGATGGTCTTGGCACCCGCCAGCTGCTTCTGGACTTCCCAACCCAGCAGC  
 CCCGCACCTCTGACAGCTCACCCACGATTTTGGAGACTGGCGGGTCTGCTGCCCTCCCGCGGAGGA  
 GGAGAGGGTGGCCGCGCTCGTGGCGCACGAGAACGCTTCCAGGGACTTCGCTTCGGACCTGGCGCTGCTG  
 CAGCTGAGGACGCGCGTGAACCTGACCGCGGCCCGAGTGCCGTGTGCTGCCACCACGAACACTATT  
 TTCTGCCCGGGAGCCACTGCCGCTGGCTCGTGGGACGCGGGGAACTCGCCCCGGGCTCCAGCGCGCA  
 GCTGGAGGCGCAGCTGTTGAACGGCTGGTGGTGTATTGCTGTACGGCCGCCAGGGGAGACCGTGCCG  
 CGGCCAGGAGACCCGCCCACTTGTCTTGTCCGCTACCAGGAGGAGGAAGAGGGGGCCATGTTGGA  
 AAGATTCCAGTTGAGCCTTCTGTGCCGTGAGGAGGGACCTGGTTCTGGCAGGATACAGAACCTCTC  
 AGATGGTTGTCTCGACCCCGAGCCTTTTCCCAATGCAGACTCATGGTCCGTGGATCCGTCATGTGACT  
 CAGGGAGCTTACCTGGAGACCAGCTAACCTGGGACTGGGGCCCTGAAGGGGAGGAGACCGAGAAACAGA  
 CTGTGCCACACATACTGAGCACGGTGCCTGTGGCCTAAGGCCAAAATCCACTCCAGCTGGTGTGTGTG  
 GCCCTGGCTGACGGAGGTGCATGTGACTGGTGTAGAGTCTGCACTGGGATTCTGGTGGCCCCAGGCTGG  
 GTCCTAGCAGCCACTCACTGTATTCTCAGGCTGGGCTCTACAACAGTGCCTACATTGAAGTATATCTTG  
 GCCGGGACGGGGTCACTCCCTCCACAGGGCCACCAGGTATCTCGGTCTGTGTCAGCATCCGTCGTGCC  
 CCGGCACTTAGGACTTAGACCCCCCTGGCTCTACTGGAGCTGAACTCTCGGGTGGAGCCCTCCCATCA  
 GCTTTCATCTGCCTACACCCAGGGGATTCCTTTCAGGGGCCAGTCTGGGTTTTGGGCTGGAAGA  
 ACCACAGGACAGAGTTCTGTAGTTGCTGTCTCCATCTTGACACCAGACTCTGCTACTGCCTCTA  
 TCCGGGATTTCTGACTCCTGGACCTTCTGTGCTCTATTGAGAGGACAGGAGGATAGATGTGAGGTC  
 ACCTCAGCACCTCCCTCCTGTGCCAGACTGAGGAAGGTCCCTGGGTTCTCGTGGGCATGGCTGTTGAG  
 GAAACCGGAGCTGTTTGCAGCCATTGGCCCTGAAGCTACATGGATATCGCAAACCGTGGGAGAAGCCCA  
 TTTTCTTCATCTCGGTGGCTCCTCTACTGGTCTCCTGAAGGCAGTGACCTCTGCCCAAGACTTAGCA  
 GGGTCTGCTAGCTCCCTAAGGTACTGCTGCTCTGCTCCTCTCTGGCTCCACTGATCCCTCGC

**ACCGT**ACGCGGCCGCTCGAG – GFP Tag – GTTTAA

**Protein Sequence:** >MG223812 representing NM\_001081374  
Red=Cloning site Green=Tags(s)

MSHHLFLPVVIMVVSPIPPQAFQDSVVSPTQGEFEDLDCGRPEPSSRIVGGSDAHPGTWPWQVSLHQGGG  
HICGGSLIAPSWVLSAAHCFVTNGTLEPADELSVLLGVHSQDGPLEGAMRSVATILIPDNYSTVELGAD  
LALLRLASPAKLGPSVRPVCLPRASHLFAHGTAACWATGWGDVQEAVPLPLPWVLELRLGAAACQCL  
YSRPGPFNLTFQLLPGLMCAGYPAGRRDTCQGDSGGPLVCEDGGRWFLAGITSFQFGCGRNRPGVFTAV  
APYESWIREFVMGSEPGPVFPSQLQKQPQSGPWEPREENCTFAQPECCKAPRPGTWPWEAQVTVPGSTPCY  
GALVSDRWVLAASCFLDFPTQQPRTSDSSPHDFETWRVLLPSRPEEERVARLVAHENASRDFASDLALL  
QLRTRVNLTAAPSAVCLPHHEHYFLPGSHCRLARWGRGELAPGSSAQLEAQLLNGWWCHCLYGRQGETVP  
RPGDPPHLLCPAYQEEEEAGLCWKDSSWSLLCREEGTWFLAGYRTLSDGCLRPRAFSPMQTHGPWIRHVT  
QGAYLEDQLTWDWGPEGEETEKQTCPTTHEHGACGLRPKSTPAGVLPWLTEVHVTGDRVCTGILVAPGW  
VLAATHCILRLGSTTVPIEVYLRAGVSSLPQGHQVSRVVSIRLPRHLGLRPPLALLELNSRVEPSPS  
ALPICLHPGGIPSGASCWVWGKNPQDRVPVVAVVSILTPRLCHCLYPGILTPGTFCVLYSEGQEDRCEV  
TSAPLLCQTEEGPWVVGMAVRGNRELF AAIGPEATWISQTVGEAHFLHLGGSSYWSPEGSDLCQDLA  
GSASSPKVTALLLLLLLAPLIPR

TRTRPLE - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



ACCN:	NM_001081374
ORF Size:	2589 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. <a href="#">More info</a>
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"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
RefSeq:	<a href="#">NM_001081374.1</a> , <a href="#">NP_001074843.2</a>
RefSeq Size:	3061 bp
RefSeq ORF:	2592 bp
Locus ID:	77613
Cytogenetics:	7 F3