

Product datasheet for **RG207849**

PRSS35 (NM_153362) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	PRSS35
Synonyms:	C6orf158; dJ223E3.1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG207849 representing NM_153362
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAAATATGCTGCTTTGGTTGATATTTTACCCCTGGGTGGACCCTCATTGATGGATCTGAAATGG
AATGGGATTTTATGTGGCACTTGAGAAAGGTACCCCGATTGTCACTGAAAGGACTTTCCATCTCACCAG
CCCCGATTTGAGGCAGATGCTAAGATGATGGTAAATACAGTGTGTGGCATCGAATGCCAGAAAGAACTC
CCAATCCCAGCCTTTCTGAATTGGAGGATTATCTTTCCTATGAGACTGTCTTTGAGAATGGCACCCGAA
CCTTAACCAAGGGTGAAAGTTCAAGATTGGTTCTTGAGCCGACTCAAAATATCACCACAAAGGGAGTATC
TGTTAGGAGAAAGAGACAGGTGTATGGCACCGACAGCAGGTTGAGCATCTTGGACAAAAGGTTCTTAACC
AATTTCCCTTTGAGCACAGCTGTGAAGCTTTCCACGGGCTGTAGTGGCATTCTCATTCCCTCAGCATG
TTCTAACTGCTGCCACTGTGTTTATGATGGAAGGACTATGTCAAAGGGAGTAAAAAGCTAAGGGTAGG
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AGTGGTGGTGACCAAGAGAGGGTACCAGAGAGCATCTGCAGGAGAGAGCGAAGGGTGGGAGAAGAAGAA
AAAAATCTGGCCGGGGTCAGAGGATTGCCAAGGGAGGCCCTTCTTTAGTGGACCCGGGTCAAGAATAC
CCACATTCGAAGGGTGGGCACGAGGAGCATGGGGACGCTACCTTGGACTATGACTATGCTCTTCTG
GAGCTGAAGCGTGCTCACAAAAGAAATACATGGAACCTGGAATCAGCCCAACGATCAAGAAAAATGCCTG
GTGGAATGATCCACTTCTCAGGATTGATAACGATAGGGCTGATCAGTTGGTCTATCGGTTTTGAGTGT
GTCCGACGAATCCAATGATCTCCTTACCAATACTGCGATGCTGAGTCGGGCTCCACCGGTTCCGGGGTC
TATCTGCGTCTGAAAGATCCAGACAAAAGAAATTGGAAGCGCAAAATCATTGCGGTCTACTCAGGCACC
AGTGGGTGGATGTCCACGGGTTTCAAGAGGACTACAACGTTGCTGTTTCGATCACTCCCTAAAATACGC
CCAGATTTGCCTCTGGATTACGGAACGATGCCAATTGTGCTTACGGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



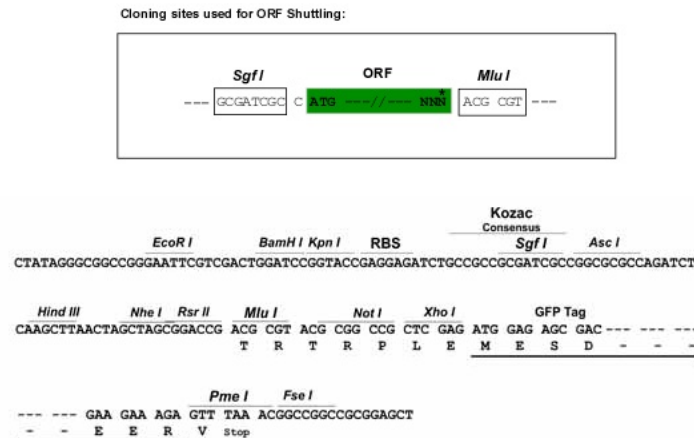
Protein Sequence: >RG207849 representing NM_153362
Red=Cloning site Green=Tags(s)

MENMLLWLIFFTPGWTLLDGSEMEWDFMWHLRKVPRIVSERTFHLTSPAFAEADAKMMVNTVCGIECQKEL
PTPSLSELEDYLSYETVFENGTRTLTRVKVQDLVLEPTQNITTKGVSVRRKRQVYGTDSRFSILDKRFLT
NFPFSTAVKLSTGCSGILISPOHVLAAHCVHDGKDYKGSKKLRVGLLKMRNKS GGGKKRRGSKRSRREA
SGGDQREGTREHLQERAKGRRRKKSGRGQRIAEGRPSFQWTRVKNTHIPKGWARGGMGDATLDYDYALL
ELKRAHKKKYMELGISPTIKKMPGGMIHFSGFDNDRADQLVYRFCVSDESNDLLYQYCDAESGSTGSGV
YLRLKDPDKKNWKRKIIAVYSGHQWVDVHGVQKDYNVAVRITPLKYAQICLWIHGNDANCAYG

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_153362

ORF Size: 1239 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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_153362.1](#), [NP_699193.1](#)

RefSeq Size: 2450 bp

RefSeq ORF: 1242 bp

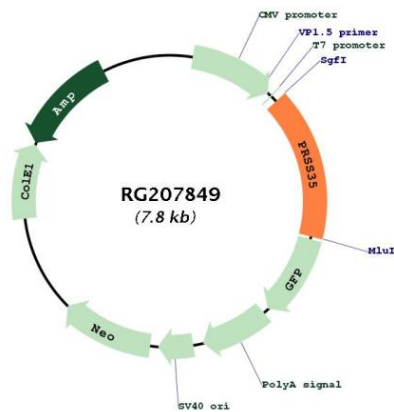
Locus ID: 167681

UniProt ID: [Q8N3Z0](#)

Cytogenetics: 6q14.2

Protein Families: Druggable Genome, Protease

Product images:



Circular map for RG207849