

Product datasheet for **RN208298**

Htra1 (NM_031721) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Htra1 (NM_031721) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Htra1
Synonyms:	Prss11
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208298 representing NM_031721
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATG**CAGTTCTCTGCGTACCGCGCTCTGTCTTTGCTACTGCTGCTGCTGGCGGCTCCCTCTTTGGCGTTGC**
CGTCGGGGATCAGCCGCTCGGCCCGCTGCCACTGTCTGTCCGGAGCACTGCGATCCTACCCGCTGCGC
CCCCCACCACGGACTGCGAGGGTGGCCGCGTCCGCGACGCGTGC GGCTGCTGCGAGGTGTGCGGCGCG
CTCAGAGGTGCAGTGTGCGCCCTGCAGGAGGGTCCCTGCGGCGAGGGGCTGCAATGCGTAGTGCCCTTCG
GGGTGCCGGCCTCCGCCACGTACGACGGCGCGCACAGCCGGTCTGTGCGTGTGTGCCAGCAGCGAGCC
GGTGTGCGGCAGCGACGCCAAGACGTACACCACTGTGCCAGCTGCGCGCCGCCAGCCCGCTTCCGAG
AAGCTTCGCCAGCCTCCGGTCATCGTCTGCAGCGCGGCGCTGCGGCCAAGGGCAGGAAGATCCCAACA
GTTTGCCTCATAAGTACAACCTTATCGCTGATGTGGTGGAGAAGATCGCCCTGTGTGGTTCACATTGA
ACTTTATCGAAGCTTCTTTCTCGAAGAGGGAGGTGCCAGTGGCGAGTGGGTCAAGATTCAATTGTGTCG
GAGGATGGACTGATTGTGACAAAATGCTCACGTGGTGACCAACAAAAACCGGGTCAAGTTGAGCTGAAGA
ATGGAGCGACTTATGAAGCCAAAATCAAGGATGTGGATGAAAAGGCCGACATTGCGCTTATCAAGATTGA
CCACCAGGGTAAGCTGCCAGTCTGCTGCTTGGCCGCTCCTCCGAGCTGCGGCCAGGAGAATTTGTGGTT
GCCATCGGAAGCCCTTCTCTTCAAACACGGTCCACTGGGATCGTCAGCACCCAGCGAGGGCG
GCAAAGAACTGGGGCTCCGGAATCCGATATGGACTACATTGAGCAGACGCCATCATCAATTATGGAAA
CTCCGGAGGCCGTTAGTAACTGGATGGCGAGGTGATTGGGATTAACACCTGAAGGTGACGGCGGGC
ATCTCCTTCGCAATCCATCCGATAAGATAAAAAAGTTCTTGACAGAGTCCCATGATCGACAGGCCAAAG
GGAAAAGTGCACCAAGAAGAAGTATATTGGGATACGAATGATGTCGTTACATCTAGCAAAGCCAAAGA
ACTGAAGGATCGTCACCGAGACTTCCCGGATGTAATCTCCGGAGCATATATCATTGAAGTCATCCCCGAC
ACCCCCGAGAAGCTGGAGGGCTCAAGGAAAATGACGTCATCATCAGCATCAATGGACAGTCTGTGGTCA
CTGCCAATGATGTCAGTATGTCATCAAAAAGGAGAACCCTGAACATGGTTGTCCGCGAGGGGAATGA
AGACATTGTGATTACGGTGGTCTCTGAAGAAATTGATCCCTAG

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_031721

Insert Size: 1443 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: [NM_031721.1](#), [NP_113909.1](#)
RefSeq Size: 2012 bp
RefSeq ORF: 1443 bp
Locus ID: 65164
UniProt ID: [Q9QZK5](#)
Cytogenetics: 1q41
Gene Summary: mouse homolog is a serine protease; acts as a inhibitor of Tgf-beta family members [RGD, Feb 2006]