

Product datasheet for **RN213582**

Htra4 (NM_001107321) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Htra4 (NM_001107321) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Htra4
Synonyms:	RGD1306242
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213582 representing NM_001107321
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCAAGGAGCAAGATGAGCTCCAGCGTTGTGGGCTGTGCGAGCACAGTTTCTCTTGCTGTGGCTGC
 TGCTCTGGGCCGCGCCTGTTCCGTGGGCTGAGGCCAGGAGTCTAGAGTCTCCTTGCCCTGCCCGGACGC
 CTGCGATCCCACGCGCTGCCCGCTCTGCCTAGCTGCTCGGCCGCTCGGCGCTAGTGCCAGATCGCTGC
 GGCTGCTGCCAAGTGTGCGCCGCGGTGAGGGCCAGGAGTGTGGCGGGCGCGGGGCCGCGCGTGCCTCC
 CGGGGCTGCGCTGCGGCGCCCGTTCTCCGGGAGCCCTCAGGGCGCGCTGGCTGGGCACCTGCGGTTG
 CGCGGAGGTTGAGAGGGCGCGGCTGTGCGGCAGCGACGGGCGCACTTACCCAGCCTGTGCGCGCTC
 CGCAAGGAGAACCAGCGGCTCGCCAGCGGGTGCCTCCGGCTGTGCCAGTGCAGAAAGTGCCTGCC
 GCGACTCAGGGACCACAAGAGCAGGGCGGCTCCGGACAAAGTACAACCTCATCGTGCCTGGTGGAGAA
 GGTGGCACCGTCTGTGGTTCACCTGCAGCTGTTCCGAGATCACCTCTACCAACCAGGAAATCCCTTCA
 TCAGCGGTTCCGGGTTCAAGTGTCTGAGGATGGCCTCATTGTACCAATGCCCATGTCCTCACCAACC
 AGCAGAAGATCCAGGTAGAGCTCCAGAACGGGGCTCAGTATGAAGCCACTGTCAAAGACATCGACATAA
 ACTGGACCTTGCACTGATTAAGATCGAGCCAGATACTGACCTTCCAGTACTGTTGCTGGGAAGATCCTCT
 GACCTCCGGGCCGAGAGTTTGTGGTGGCTTTGGGTAGCCATTTTCCCTGCAGAACACTGTGACTGCCG
 GGATTGTGAGCACACAGAGAGGGCGGCAAGAGTTGGGACTGAAGGACTCAGACATAGACTATATCCA
 GACGGACGCCATCATTAAACCACGAAATCTGGGGTCCACTGGTGAACCTGGATGGCGATGTGATCGGT
 ATAAACACCCTGAAGTGACCGCAGGGATCTCTTTGCAATCCCTCAGATAGGATCAGACAGTTCTTGG
 CAGACTATCATGAGCGCCAGTTGAAAGGAAAGGCTCCCTTGCAAGAAATACCTGGGCTTAGAATGTT
 GCCCTCACTCTGAACCTCCTTACGAAATGAAGAGGCAAGATCCCGATTCCCTGATGTGAGCTGTGA
 GTTTTTGTATATGAAGTATTCAAGGATCGGCCGCTGCAAGCTCGGGTTGAGAGACCATGATGTAATTG
 TCAGCATAAACGGGCAGCCTGTACGACCACAACCGATGTATTGAAGCTGTTAAGGACAATGCCTTTCT
 CTCATCATTGTTCTTCGAGGAAGCCAAACCTGTTTCTGACAGTCACACCTGAAATAATCAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1535_a11.zip

Restriction Sites: SgfI-MluI

ACCN: NM_001107321

Insert Size: 1467 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_001107321.1](#), [NP_001100791.1](#)

RefSeq Size: 2256 bp

RefSeq ORF: 1467 bp

Locus ID: 306564

UniProt ID: [D3ZKF5](#)

Cytogenetics: 16q12.4

Gene Summary: Serine protease.[UniProtKB/Swiss-Prot Function]