

Product datasheet for **RN206230**

Ctsd (NM_134334) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Ctsd (NM_134334) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Ctsd
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN206230 representing NM_134334
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCAGACCCCCGGCGTCTTGCTGCTCATTCTCGGCCTCCTGGCTGCGTCTCTCCGCGTTATCAGAA
 TCCCCCTGCGCAAGTTCACATCCATCCGTCGGACTATGACGGAAGTGGGAGGCTCTGTGGAAGACCTGAT
 CCTTAAAGGTCCCATAACCAAGTACTCCATGCAGTCATCTCCTAGGACCAAGGAGCCAGTGCAGAGTTA
 CTAATAAACTACCTGGATGCCAGTACTATGGTGAGATCGGCATTGGGACTCCCCACAGTGTTCACAG
 TCGTCTTTGACTGCGTCTCTAACCTGTGGTCCCCTCCATTATTGCAAGCTGCTGGACATAGCCTG
 CTGGGTCCACCACAAGTACAACAGTGACAAGTCCAGCACCTATGTGAAGAATGGCACATCCTTCGACATC
 CACTACGGCTCAGGTAGCCTCTCTGGGTACCTGAGCCAGGACACTGTGTCGGTTCATGTAAGTCAGACT
 TAGGAGGTATCAAGGTGGAGAAACAGATCTTTGGGAAGCCACCAAGCAGCCTGGAGTCGTATTCATCGC
 AGCCAAGTTTGATGGCATCTTGGGCATGGGCTACCCTTTATCTCTGTTAACAATGTGCTCCCGGTCTTC
 GACAACCTGATGAAACAGAAGCTGGTGGAAAAGAATCTTCTCCTTCTACCTGAACAGGGACCCAAACCG
 GGCAACCTGGAGGAGAACTAATGCTTGGCGGCACTGACTCCAGATACTACCACGGGGAGCTGCTCCTACCT
 GAACGTCACCCGAAAGGCCTACTGGCAGGTGCACATGGACCAGCTGGAGGTGGGCAGCGAGCTGACTCTG
 TGCAAGGGAGGCTGTGAGGCTATTGTGGACACAGGGACGTCTCTTCTGGTGGGGCCTGTGGACGAGGTGA
 AGGAACTACAGAAGGCCATTGGGCGAGTGCCTCTCATCCAGGGCGAGTATATGATCCCTTGTGAGAAGGT
 GTCCAGCTGCCATTATCACCTTTAAGCTAGGAGGCCAAAATATGAACTACACCCAGAGAAGTACATA
 CTCAAGGTATCGCAGGCTGAAAAGCAGTCTGCCTGAGTGGCTTCATGGGGATGGACATACCCCTCCCA
 GTGGGCCGCTCTGGATCCTGGGCGATGTCTTTATTGGTGCTACTACACCGTGTGACAGAGAATAACA
 TAGGGTCCGCTTTGCCAAGGCTGCCACACT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_134334
Insert Size:	1224 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:	<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_134334.2 , NP_599161.2
RefSeq Size:	2060 bp
RefSeq ORF:	1224 bp
Locus ID:	171293
Cytogenetics:	1q41
Gene Summary:	lysosomal aspartic endopeptidase [RGD, Feb 2006]