

Product datasheet for **RN212662**

Ctsb (NM_022597) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ctsb (NM_022597) Rat Untagged Clone
Tag: Tag Free
Symbol: Ctsb
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >NM_022597.2
Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGTGGTCTTGATCCCTCTCTCTTGCTGCTGGCACTGACCAGTGCCCATGACAAGCCTTCCTTTTC
ACCCACTGTCGGACGACATGATTAACATATCAACAAACAGAATACAACATGGCAGGCTGGACGCAACTT
CTACAATGTTGACATAAGCTATCTGAAGAAGCTGTGGAACTGCTGGGTGGACCAAGCTGCCGGAA
AGGGTTGGGTTTCAGCGAGGACATAAATCTACCTGAATCCTTTGATGCACGGGAACAGTGGTCCAATTGCC
CGACCATCGCACAGATCAGAGACCAGGGTCTGTGGCTCTTGTGGCATTGGGGCAGTGAAGCCAT
GTCTGACCGAATCTGCATTACACCAATGGCCGAGTCAATGTGGAGGTGTCTGCTGAGGACCTGCTTACC
TGCTGTGGTATCCAGTGTGGGATGGCTGTAATGGTGGCTATCCCTCTGGAGCATGGAACCTCTGGACTA
GAAAAGGCCTGGTTTCTGGTGGAGTATACAATTCTCATATAGGCTGCTTACCCTACACCATCCCTCCCTG
TGAACACCATGTCAATGGCTCCCGTCCCCATGCACTGGAGAAGGAGATACTCCAAGTGAACAAGATG
TGTGAGGCTGGCTACTCCACATCCTACAAGGAAGATAAGCACTATGGGTACACTTCTACAGTGTGTCTG
ACAGCGAGAAGGAGATCATGGCGAAATCTACAAAATGGCCAGTGGAGGGTGTCTTTACTGTGTTTTTC
TGACTTCTTGACTTACAATCAGGCGTATACAAGCATGAAGCCGGTGTGTGATGGGAGGCCATGCCATC
CGCATTCTGGGCTGGGAATAGAGAATGGAGTACCCTACTGGCTGGTAGCAAACCTCTGGAACGTTGACT
GGGGTGATAATGGTTTCTTTAAATCCTCAGAGGAGAGAACCCTGTGGAATTGAATCAGAAATCGTGGC
TGGAAATCCACGCACTCAGCAGTACTGGGAAGATTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_022597
Insert Size: 1020 bp



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| 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_022597.2 , NP_072119.2 |
| RefSeq Size: | 1967 bp |
| RefSeq ORF: | 1020 bp |
| Locus ID: | 64529 |
| Cytogenetics: | 15p12 |
| Gene Summary: | lysosomal peptidase that is synthesized as a longer precursor and processed to the mature form [RGD, Feb 2006] |