

Product datasheet for RN215060

Ctbs (NM_031023) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Ctbs (NM_031023) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Ctbs
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN215060 representing NM_031023
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGCTGAGTGACCTCCTGGAACACTCTGCTGCTGCTGCCCTGCTGGAGCGGCTCTCGGCCG
 AGGACTGCCCGTCTCCGAGGCTTCTCTGCGCACCGATCCGCCACCACCGCGACTTCGAGGTCTTTGT
 GTTTGATGTTGGACAGAAAACCTGGAATCTTATGACTGGTCGCAGATTACGACTGTGGCAGTTTTTGA
 AAATATGACTCAGAACTTATGTGCTATGCTCATTGAAAGGAGCCAGGGTAGTGCCTAAAAGGTGATGTGG
 CCTGAAGGACATCATTAACTACCTACCTCAGAGCGTCATGGATAGCGCAAAAAGTTGCCTTAGCCAAAGC
 ACAACACATGGATGGAATTAATATAGACATAGAACAGGAAGTTGATTGCTCGTCACCTGAATATGAAGCA
 TTGACAGCTTTGGTCAGAGAAAACACAGAGGGTTCCATCGTGAGATTGAGGGATCACAGGTAACCTTTG
 ATGTAGCTTGGTCACCAAAGGGCATAGACAAAAGGTGCTATAATTATACTGGGATTGCGGATGCCTGCGA
 CTTTCTTTTGTGATGTCTTACGATGAGCAAAGTCAGATCTGGTCAGAATGTATTGCAGCCGCCAATGCT
 CCCTACAATCAGACATTAAGTGGATATGGTGACTACCTCAGGATGGGCATCAGCCCCAGGAACTTGTA
 TGGGTATCCCTGGTATGGCTATGATTACATTTGCCTAAACCTCTCAAAGGATGATGTCTGCGCCATTGC
 AAAGTCCCTTTCAGAGGGGCTCCTTGCAAGTATGCTGCAGGGCATCAGGTGCCCTACAGGGTCATCATG
 AAGCAAGTAAACAGTTCTGTTTCTGGAAGCCAGTGAACCAAGACCAGCAAGCTCCGTAATAATTACA
 AGGATCCCACTGGCCGTTTGCATCAGGTGTGGTACGATAACCCCCGAGCATCTCACTAAAGGCAGCATT
 CGTCAAACACTACGGCTTGCAGGGCATTGGCATGTGGAACCGCAACTGTCTGGACTACTCAGATGACGCT
 CTAGCCAGAGAGCAAACGGAGGAAATGTGGGGAGCCCTGAGACCAGGCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_031023



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Insert Size:	1104 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:	<u>NM_031023.1</u> , <u>NP_112285.1</u>
RefSeq Size:	1616 bp
RefSeq ORF:	1104 bp
Locus ID:	81652
UniProt ID:	<u>Q01460</u>
Cytogenetics:	2q44
Gene Summary:	lysosomal glycosidase involved in the degradation of asparagine-linked glycoproteins [RGD, Feb 2006]