

Product datasheet for **RN200827**

Ctsk (NM_031560) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ctsk (NM_031560) Rat Untagged Clone
Tag: Tag Free
Symbol: Ctsk
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN200827 representing NM_031560
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGGTGTTCAAGTTTTTCTGCTACCCGTGGTGGAGCTTTGCTCTATCCCCGGAGGAAACGCTGGACA
CGCAGTGGGAGCTGTGGAAGAAGACCCACGGGAAGCAGTACAACAGCAAGGTGGATGAAATCTCTCGGCG
TTAATTTGGGAAAAAACCTGAAGAAAATTTCTGTCCATAATCTTGAGGCCTCTCTTGGTGCCCATACG
TATGAGCTGGCCATGAATCACCTGGGAGACATGACCAGCGAAGAAGTGGTTCAGAAGATGACTGGACTCA
GAGTGCCACCTTCGCGTTCCTTCAGTAATGACACTCTCTATACCCAGAGTGGGAAGGCAGAGTCCCAGA
CTCCATCGACTATCGAAAAGAAAGGCTATGTTACTCCAGTCAAAAACAGGGCCAGTGTGGTTCCTGTTGG
GCTTTCAGCTCTGCGGGTGCCCTGGAGGCCAACTCAAGAAGAAAACCTGGCAAACCTTTAGCTCTGAGTC
CCCAGAATCTTGTGGACTGTGTCTGAGAATATGGCTGTGGAGGCGGCTATATGACCACTGCCTTCCA
ATATGTGCAGCAGAAATGGAGGCATTGACTCTGAAGACGCTTACCCGATGTGGGGCAGGATGAAAGTTGT
ATGTATAACGCCACGGCAAAGGCAGCTAAGTGCAGAGGGTACAGAGAGATCCCTGTGGGGAACGAGAAA
CCCTGAAGAGAGCAGTGGCTCGGGTAGGACCCGCTCTGTGTCCATCGATGCAAGCTTGACATCTTTCCA
ATTTTACAGCAGAGGTGTGACTATGACGAAAACCTGCGACCGTGATAATGTGAACCATGCCGTGTTGGTG
GTGGGCTATGGCACCCAGAAGGGAAATAAGTACTGGATAATTAACAGCTGGGGAGAAAGCTGGGGAA
ACAAAGGCTATGTTCTTGGCTCGGAATAAGAACAATGCTGTGGCATTACCAACCTGGCCAGCTTCCC
CAAGATG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_031560



Insert Size:	990 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_031560.2</u> , <u>NP_113748.1</u>
RefSeq Size:	1446 bp
RefSeq ORF:	990 bp
Locus ID:	29175
UniProt ID:	<u>O35186</u>
Cytogenetics:	2q34
Gene Summary:	putative protease; human homolog displays endoprotease activity and is associated with pycnodysostosis when mutated [RGD, Feb 2006]