

Product datasheet for RN211298

Ctsz (NM_183330) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ctsz (NM_183330) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ctsz
Synonyms:	CATX
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211298 representing NM_183330 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGTCGTCGGGATCGGTGCAGCAGCTGCGGCTGGTGTGCTGATGTTGCTGCTGGCCGGTGCGGCAC
GGGCCAGCCTCTACTTCCGCCCGGGCCAGACCTGCTACCGACCCCTTACAGGGACCACCTGGCTCTGCT
GGGGCGCAGGACCTATCCTCGGCCACATGAGTACCTGTCCCAGCGGATCTCCGAAGAATTGGGACTGG
AGGAATGTGAACGGTGTCAACTATGCCAGCGTCACGAGGAATCAGCATATCCACAGTACTGTGGTTCTT
GCTGGGCCACCGCAGCACCAGTGCCTTGGCAGATCGCATCAACATCAAGAGAAAAGGTGCATGGCCCTC
CACCTGTTGTGGTGCAGAATGTCATCGACTGCGGCAATGCTGGTTCTTGTGAGGGGGCAATGACCTT
CCGGTGTGGGAGTATGCCACAAGCATGGCATCCCGATGAGACCTGCAACAACCTACCAGGCCAAGGACC
AAGAATGTGACAAGTTAAACCAGTGTGGGACCTGCACTGAATTCAAAGAGTGCCACACCATCCAGAATTA
TACCCTCTGGAGAGTGGGTGACTATGGCTCCCTGTCCGGGAGGGAGAAGATGATGGCAGAGATCTACGCC
AGTACCAGAACCAGGCCATTATCAACCACATCATCTGTAGCCGGCTGGGGTGCAGCAATGATGGCAT
CGAGATTGGATTGTCCGCAATTCATGGGCGAGCCCTGGGGTGAGCGAGGCTGGATGAGAATTGTGACC
AGCACCTATAAGGGAGGGACAGTTCCAGCTACAACTCGCCATTGAGGAGGCCTGCACATTTGGGACC
CCATTGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_183330
Insert Size:	921 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_183330.1 , NP_899159.1
RefSeq Size:	1358 bp
RefSeq ORF:	921 bp
Locus ID:	252929
UniProt ID:	Q9R1T3
Cytogenetics:	3q43
Gene Summary:	Exhibits carboxy-monoamidase as well as carboxy-dipeptidase activity (PubMed:12553736, PubMed:10615013). Capable of producing kinin potentiating peptides (PubMed:10615013). [UniProtKB/Swiss-Prot Function]