

Product datasheet for RN213528

Ctsh (NM_012939) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ctsh (NM_012939) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ctsh
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213528 representing NM_012939 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGGATCGCC

ATGTGGACTGCGCTGCCCTGCTGTGCGCTGGGGCTGGCTGCTGAGTGTGGGCCACCGCTGAGCTGA
CCGTGAATGCCATAGAAAAGTTTCACTTTACGTCATGGATGAAACAGCATCAAAGACGTACAGCTCGAG
GGAGTACAGCCACAGGCTGCAGGTGTTTGCCAACAACCTGGAGGAAGATTCAAGCCACAACCAGAGGAAC
CACACATTTAAAATGGGATTGAACCAGTTTTTCAGATATGAGCTTTGCCGAAATAAAACACAATACTCT
GGTCAGAGCCTCAGAATTGCTCAGCCACCAAAAGTAACTACCTCCGTGGTACTGGCCCTACCCATCCTC
CATGGACTGGAGGAAGAAAGGAAATGTCGTTTACCAGTGAAGAACCAGGGGGCCTGTGGCAGCTGCTGG
ACTTTCTCAACCACTGGGGCCCTAGAGTCAGCTGTGGCTATTGCCAGTGGGAAAATGATGACCTTGGCTG
AGCAGCAGCTGGTGGATTGTGCCAGAACTTCAACAATCATGGCTGCCAAGGAGGTCTCCCAGCCAGGC
CTTCGAGTACATCCTGTACAACAAGGGCATCATGGGAGAGGACAGCTACCCTTACATAGGCAAGAATGGT
CAGTGCAAATTCACCCAGAAAAGGCCGTCGCGTTCGTAAGAATGTTGTCAACATCACACTCAATGATG
AGGCTGCAATGGTAGAGGCTGTGGCCCTATAACAATCCTGTGAGCTTTGCCTTTGAGGTGACTGAAGATTT
TATGATGTATAAAAGTGGTGTCTACTCCAGTAACTCCTGTCATAAACTCCAGATAAAGTAAACCATGCA
GTCCTGGCTGTTGGCTATGGAGAACAGAATGGATTACTCTACTGGATTGTGAAAACTCTTGGGGCTCCA
ACTGGGGGAACAATGGTACTTCTCATTGAGCGTGAAAGAACATGTGTGGCCTGGCTGCCTGTGCCTC
TACCCCATCCCTCAGGTAA

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_012939
Insert Size:	1002 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_012939.1 , NP_037071.1
RefSeq Size:	1362 bp
RefSeq ORF:	1002 bp
Locus ID:	25425
UniProt ID:	P00786
Cytogenetics:	8q31
Gene Summary:	lysosomal protease that plays a role in protein metabolism [RGD, Feb 2006]