

Product datasheet for MC208356

Ctsd (NM_009983) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ctsd (NM_009983) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ctsd
Synonyms:	CatD; CD
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208356 representing NM_009983 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAGACTCCCGCGTCTTGCTGCTCATTCTCGGCTCCTGGCTTCGTCCCTCCTCGGATTATCAGAA
TCCCTCTGCGCAAGTTCACATCTATCCGTCGGACTATGACGGAGGTGGCGGCTCTGTGGAAGACCTGAT
CCTCAAAGGCCCATACCAAGTACTCCATGCAGTCATCGCTAAGACCACGGAGCCAGTGTGAGAGTTA
CTCAAAAACCTACCTGGATGCCAGTACTATGGCGATATCGGCATCGGAACCCCGCCAGTGTTCACAG
TCGTCTTTGATACTGGCTCCTTAACCTGTGGTCCCCTCCATTCATTGCAAGATACTTGACATAGCCTG
CTGGTCCACCATAAGTACAACAGTGACAAGTCCAGCACCTATGTGAAGAACGGCAGTCCCTTTGACATC
CACTACGGCTCAGGAAGCCTCTCTGGGTACCTGAGCCAGGACACTGTATCGGTTCCATGTAAGTCTGACC
AGTCAAAGGCAAGAGGTATCAAGGTGGAGAAACAGATCTTTGGAGAAGCCACCAAGCAGCCTGGAATCGT
ATTTGTTGAGCCAAGTTTGATGGCATCTTGGGCATGGGCTACCCCTCATATCTCTGTTAAACAACGTGCTT
CCGGTCTTTGACAACCTGATGCAACAGAAGCTGGTGGACAAGAACATCTTCTCCTTCTACCTGAACAGGG
ACCCAGAAGGGCAACCCGGAGGAGAATAATGCTTGGTGGCACTGACTCCAAGTACTACCACGGGGAGCT
GTCCTACCTGAACGTCACTCGAAAGCCCTACTGTCAGGTGCACATGGACCAGTTGGAGGTGGGCAATGAG
CTGACCCTGTGCAAGGGAGGCTGTGAGGCTATTGTGGACACAGGACATCTTCTGGTGGGCGCTGTGG
AAGAGGTGAAGGAGCTGCAAGGCCATCGGGGAGTGCCTCTTATCCAGGGTGAATATGATTCCTTTG
TGAGAAGGTGTCCAGCCTGCCACGGTCTACCTGAAGCTAGGAGGCAAAAACATGAACACACCCAGAC
AAGTATACTCAAGGTATCGCAGGGTGGAAAGACAATCTGCCTGAGTGGCTTCATGGGAATGGACATAC
CCCCTCCAGTGGGCGCTCTGGATCCTGGGCGATGTCTTCATTGGTTCTACTACACTGTGTTTGACAG
AGACAACAATAGGGTCGGCTTTGCCAATGCTGTCGTA**CTAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_009983
Insert Size:	1233 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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_009983.2 , NP_034113.1
RefSeq Size:	1979 bp
RefSeq ORF:	1233 bp
Locus ID:	13033
UniProt ID:	P18242
Cytogenetics:	7 F5
Gene Summary:	<p>Acid protease active in intracellular protein breakdown. Plays a role in APP processing following cleavage and activation by ADAM30 which leads to APP degradation. [UniProtKB/Swiss-Prot Function]</p>