

Product datasheet for MC212854

Ctso (NM_177662) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ctso (NM_177662) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ctso
Synonyms:	A330105D01Rik; A1118514
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212854 representing NM_177662 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGCCGAGTTGGTGAACCTCTTGCTACTGTGTTGCTGCTGTCTCGGCCGCCACGGGTGCGCCGGA
CCTGGTCTTGGAGCCACCAGCGGGAGGCCCGCCTTGCAGGAAAGCCTTCATAGACACCGATACTTGAA
CTCTTTTCTCATGAAACTCCACTGCCTTCTATGGAGTAAATCAGTTTTCTATTTGTTTCTGAAGAG
TTTAAAGCTTTGTATTTAGGCAGCAAATATGCCTGGGCTCCAGATACCCAGCAGAAGGACAGAGACCTA
TCCCAATGTGTCTTTGCCATTGAGATTTGACTGGAGGACAAGCATGTTGTGAATCCTGTAAGGAACCA
GGAGATGTGTGGAGGATGCTGGGCCTTCAGCGTGGTGAAGTGCATAGAGTCAGCTCGTGAATCCAAGGG
AAATCTCTGGATTACCTGAGCGTGCAGCAGGTCATCGACTGCTCCTTTAATAATTCTGGTGCCTCGGTG
GCTCTCCTCTCTGTGCCTTGCCTGGCTAAATGAGACACAGTTGAAGTTGGTGGCAGATTCACAGTACCC
ATCAAGGCAGTAAATGGCCAGTGTGCGCACTTTCCTCAATCACAAGCTGGAGTTTCAGTCAAGGATTTT
TCTGCATATAACTTCAGGGGCCAAGAGGATGAAATGGCCAGAGCACTTCTGTCTTCGGCCCTTTGGTTG
TGATAGTTGATGCGATGAGCTGGCAGGATTATCTGGGGGCATAATCCAACATCACTGCTCCAGTGGGGA
GGCCAACCATGCCGTTCTCATCACAGGCTTTGATAGGACAGGAAATACACCATATTGGATGGTGGCAAC
TCCTGGGATCCTCCTGGGAGTAGAAGGCTATGCCACGTGAAAATGGGAGGTAATGTTTGTGGCATTG
CAGACTCTGTAGCTGCTCTTTGTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_177662



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Insert Size:	939 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:	NM_177662.3 , NP_808330.1
RefSeq Size:	3468 bp
RefSeq ORF:	939 bp
Locus ID:	229445
UniProt ID:	Q8BM88
Cytogenetics:	3 E3
Gene Summary:	This gene encodes a member of the cathepsin family of cysteine proteases that are involved in the degradation of cellular proteins. The encoded preproprotein undergoes proteolytic processing to generate a mature, functional enzyme. [provided by RefSeq, Jan 2016]