

Product datasheet for MC201924

Cts7 (NM_019539) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cts7 (NM_019539) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cts7
Synonyms: AA408230; AA408952; CTS1; Epcs24; Epcs71
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC064740 sequence for NM_019539
AAGAGACTGTGGAGTGCACCAAGATAGCAGCAATCATCAGAGGTGGGCCCTGACTCTACTTTTCCTGGA
AGGAAGCCTTGAGAGACTCCTTGGAAAAATCAGACAGGCCCTCATAAATAAGAACATCTTCTAAACGTCAG
CAGCCCCATTGTGTGGAAGTGGGGGAGGGTAAGGAAAGTCAAGAGGAATCCAAGCCACACCTGGATCCA
GGTACTTGAACATGACTCCTACTGTCTTCTGTCCATCCTGTGCTTGGGAGTGGCCTTGCTGCTCCAG
CACCTGATTACAATTTGGATGCCGAGTGGGAGGAGTGGAAAGGAGCAATGACAGAACATACAGCCAGA
GGAAGAAAAACAGAGGAGCAGTGTGGAAAGGAAATGTGAAATGGATCAAACAGCACATTATGGAGAAT
GGCCTGTGGATGAACAATTCACCATAGAAATGAATGAATTTGGTGATATGACTGGTGAAGAAATGAAAA
TGTTGACAGAAAGCTCATCTTATCCTCTAAGAAATGGGAAACACATCCAGAAACGCAACCCCAAAATCCC
CCCAACTTTGGATTGGAGAAAGGAGGCTATGTGACTCCAGTGCAGAACAGGGAAGTTGTGGCGCATGT
TGGGCTTTTTCTGTGACTGCATGCATAGAAGGTCAACTGTTCAAGAAAACCTGGCAAACCTGATCCCACTGA
GTGTACAGAAATTAATGGACTGCTCAGTATCTTATGGCACCAAGGGCTGTGATGGAGGCAGACCTTATGA
TGCCCTTCCAATATGTGAAGAACAATGGAGGTCTAGAAGCTGAGGCAACCTATCCATATGAAGCAAAGGCA
AAACACTGCAGGTACCGTCTGAACGTTCTGTTGTTAAGGTCAACCGCTTTTTGTTGTTCCAAGGAATG
AAGAAGCTCTACTGCAAGCTCTAGTAACACATGGACCCATTGCTGTTGCAATTGATGGTTACATGCATC
CTTTCATTCATATCGGGGAGGTATATATCATGAGCCAAAGTGCAGAAAGGATACTCTCGACCATGGTTTA
CTATTGGTTGGCTATGGCTATGAAGGCCATGAGTCAAGAAACAGGAAATATTGGCTGCTAAAGAACAGCC
ATGGTGAAGATGGGGAGAAAAATGGCTACATGAAGCTTCCAGAGGTGAGAAACAACTACTGTGGAATTGC
CATACAGAAGAATTTTATCCTATTCAAAATGGCCAGCCTCTGCTGTATAAAAACATTTGTGTACCCGAAC
AACAGGGAAAAAGGTGAAATCTGTTTTATGTTTGGTTTAGTAAGTCATAACCATTTGATGATGTTCTGAAG
TGACTTATATAACTGAATCCTGTAAACGACTTTATTTTATTTTTTCACTGTACCAATGCTGTTCTTAA
AATAAAAGTTAACTACAAAGTTAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_019539



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Insert Size:	996 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>BC064740</u> , <u>AAH64740</u>
RefSeq Size:	1507 bp
RefSeq ORF:	996 bp
Locus ID:	56092
UniProt ID:	<u>Q91ZF2</u>
Cytogenetics:	13 B2
Gene Summary:	<p>Involved in trophoblast cell proliferation and differentiation probably by affecting mitotic cell cycle progression. Proteolytic activity and nuclear localization are essential for its role in cell cycle progression.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.</p>