

Product datasheet for RN203745

Ctsw (NM_001024242) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ctsw (NM_001024242) Rat Untagged Clone
Tag: Tag Free
Symbol: Ctsw
Synonyms: MGC112764
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN203745 representing NM_001024242
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACTGACAGCCACCTCTTCTACTTTCTGGCCCTGTTGTTAGCAGGCCAAGGCCTCAGTGACTCCC
TCCTCACCAAGGATGCAGGTCCCGACCACTGGAGCTGAAAGAAGTCTTCAAGCTGTTCCAGATCCAGTT
CAACCGAAGTTACTCAAACCCAGCAGAGTACACTCGCCGCTCTGGGTATCTTTGCCACAACCTGGCTCAG
GCACAACGGCTACAGGAAGAAGACCTGGGTACAGCTGAGTTGGACAGACTCCATTCAAGTACCTCACAG
AGGAAGAGTTTGCCAGTTATACGGGCACCAGAGGGCACCGGAAAGGATCCTCAACATGGCCAAAAAGGT
GAAGTCTGAAAGGTGGGGGAATCTGTGCCCTACCTGTGACTGGCGTAAAGTAAAGAACATCATCTCA
TCGATCAAGAACCAGGAAACTGCAGGTGCTGTGGCCATAGCAGCAGCAGACAACATCCAGACTCTGT
GGCGCATCAAACACAACAGTTTGTGGACGCTCTGTGCAGGAGCTGCTGGACTGTGACCGCTGTGGAAA
TGGCTGCAATGGTGGCTTCGTGTGGGACGCATATAACTGTCTGAATAACAGTGGCCTGGCCAGCGAA
GAGGATTACCCATTCCAGGGGCACCAGAAGCCCCACAGGTGCTGGCGGACAAGTATAGGAAGGTGGCT
GGATCCAGGACTTACCATGTTGTCCAGTAATGAGCAGTAATTGCCGGCTACCTGGCTATCCATGGCCC
TATCACGGTGACCATCAACATGAAGCTACTGCAGTATTACCAGAAGGGTGTGATCAAGGCTACACCCAGT
ACCTGTGACCCACACCTTGTGAACCATCTGTCTTGTGTTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
AGACAGGGACTCTTGTCCATTCTCGCAAACCTCGCCGCTCCACCCCTACTGGATCCTGAAGAATC
CTGGGGAGCTGAGTGGGGCGAGAAGGTTACTTCAGGCTCTACCGTGGGAACAACACCTGTGGAATCGCC
AAGTACCCGATCACAGCTCGAGTGGACCGACAGTTAAGAAAGCCCCAGTCTCTTGTCCACCT**TGA**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001024242



Insert Size:	1116 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>NM_001024242.1, NP_001019413.1</u>
RefSeq Size:	1272 bp
RefSeq ORF:	1116 bp
Locus ID:	293676
Cytogenetics:	1q43