

Product datasheet for **MC220001**

Cytc1 (NM_026134) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cytc1 (NM_026134) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cytc1
Synonyms:	4930401M13Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220001 representing NM_026134
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCTCTTTCAAACACTGGACAGTGAAAAATTGACTATTGAAGATGTTCAAACCTCAAGTCTTCTCTGTC
GACGAGAAATAAATACCAACAACATATGATGATTACATTCTGAGCATTCAAACCTAGCGAAAAACAGAAATCA
AGAACATTTTGTGTTTGCATTTCCCAAAACACCTATGCCAGATAAAAAAGAGAGATCAGGACCTTCAGAA
TTAGAAGTTGCAGTTCCTATACAAGTGAAGGAAAAATTGAGAAAGATCAGAAACCAACTCACGTATGGA
TAAACCAGTTTTAAGAGACATTTTCTTAAAGTCATCCTTTTCTCGGCCGTTTATTACACAAGCTCCATT
CAAATATCTTTATAATCCTCAAACCATTATACAATGGCAGAAAGTAGAAAGTCCAAAAATGATGAAAGA
AGAAAACTTTGAAGATAAAGTTCAGGGGAAAAATAAGCTCATGTGTAGTAAATCTGGAGCCCATGAGAA
CAATAACCAATGGGAACCTGAAATACTAGGCAATACAGAAAAAATCCATCAAATCATCACATAAAAT
TAAATTGCCTAAGACGTCAAATTTACATCAGAAACAAATCTAGAATACAACAATCAAAGAAAACCTTG
GAAATGAGTTTGAGAAATGGCAACAAAAATTCATGAACCTTTGTTCTGAAGGGGAATGCAGCCACATGTT
GCAAGGACAATCCAATACAGACTCTAAGAAGAGTGTGAAGAATTTTCTGATGACATATCAGAGTGTAT
AAACAGCTCAAATATGGATTTAATGTTGCGTCTAAATGAGTTCAGAGCTGAATTCACAGATTTGGATGTA
TGGTCAACAAATTGCTCACAGAACAATGCAAGAAGCCTTTAAAGACGGGAGGAAAGAAGGAAAGGGACT
CAGATATTGATTCTGGAGGCTCAAAGATGCAAGAAAGAGGGGAAAGAAAAAGGCAAGAGAGAATCCAG
GAAAAAGAGGAATACAGAATCGAGTGTCTGAATCTGGTACTCCAAGGATGGAAAGAAAAAATCAAAA
CACGATAAAAAAATGAAATTAAGAAAAAGAAGGATACAGACTCTACTGGTAGTGGATCTGGGGCGTCCA
TGGTTTCAAAGAAAGGTAAAGACGAAAAAGAAGTACAGGAAAAAGAGTACAGGATCTACTGGTAGTGA
ATCTGTAGATTCAAAGAGTACAAATAAAGTAAAGAAACAAGTAAAAAAGGTGTCATGAAGAAAGCAGTC
TCTACTGATTCTGAATCAGATGCATCATCAAAGAAGAGCAAGAAAGATGAAAAGAAGGAAAAATAAGGGA
GAAAGAAGAAGCCTATTAAGGATACAGAGTCTACTGATGCTGATTCTGAATCTGAAGGTGACTCAACAGG
TAAAAAGAATGAAAAGAAGGATAAGAAAAATTAACAAGAAAGGAGAAAAAGAAGGATGCAAAGAAGAAATACA
GCATCCTCTGAAAGTGTCTGATTTGGGAGTAAACAAAAAGAAAATAAAATAAGGAAATAGTGAGTT
TCAGTGATTCAACATCTGATTCAATTCTAAGGCAGGCAGAAAGAAAAATGTAAGGCGCTCAGATTCCGA
ATCTGAAGATTGCTCAGGGTTCAGAGTTTTAAAGTCAACTGATGATTGAGGCTCATCCACAGACTCC
AAGACGGGAATGCCAGGAATGAGAAGAGGATTCAGATCATTATCCAAAAGACTACTTTCAATGAAAGGG
GAAAAAGAAGTGTGACCGGTAGAATCCCTTCATCAAGAGAAAGACTACCTTTCCCTCCTGTGAGCCTTT
TAGAGCATCACCTAAGCCTGTGCATGTCTGTAAGTGAAGGAATCTCCATCTCCAAAAGCAAGATATGCT
CCTTTGGTATGTTTACTAATAATTAATACT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_026134

Insert Size: 1923 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:

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_026134.2](#), [NP_080410.2](#)

RefSeq Size: 1963 bp

RefSeq ORF: 1923 bp

Locus ID: 67407

UniProt ID: [G3X9R0](#)

Cytogenetics: X E1