

Product datasheet for **MC204130**

Cdc123 (NM_133837) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cdc123 (NM_133837) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cdc123
Synonyms: AA959893; G431001I09Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC022972
 GCGGGAGAGGAAAGCGCGCTATTGACGCGGCAGCTGGAGAATGAAGAAGGAGCATGTTAGTCACTGTCA
 GTTCTCCGCGTGGTACCCACTTTCCGAAGCCTTACCATCAAGAGTGCATCCTCCCGCTTCTCAGAAT
 GTGAAAGACTATCTACTTGATGATGGGACTCTGGTGGTCTCAGGAAGGGAAGATCCGCCAACATGCTCCC
 AGTCAGACAGTGGTAACGAAGCAGAGGAAACACAGTGGTCCGATGATGAGAGCACAGCCACACTTACGGC
 ACCAGAGTTTCTGAGTTCAACTCAAGTCCAAGAAGCTATCAATTCGCTGGGGGTAGTGTCTTCCCT
 AAGCTTAACTGGAGTGCCCAAGGGATGCGTACTGGATAGCGATGAACAGTTCCTGAAGTGAAAACCTC
 TCAGTGATATCTTCTGCTTTTCAAGAGTTCTGATTTTCATCACCCATGACTTCACACAGCCGTTTATTCA
 TTGCACTGATGACTCTCCAGACCCTTGTATAGAGTACGAGCTTGTCTCCGAAAATGGTGTGAATTAATT
 CCTGGGGCTGAATTCCGATGTTTTGTCAAAGAAAATAAGCTTATTGGTATTTCTCAGAGGGATTACACAC
 AATACTATGATCATATTTCTAAGCAAAAAGAAGAAATTTGCAGATGCATTCAAGACTTTTTCAAGGAACA
 CCTACAGTATAAATTTAGATGAAGACTTTGTGTTTCGATATATACAGGGACAGTAGGGGAAGGTGTGG
 CTCATTGACTTTAATCCATTTGGGGAGGTCACAGACTCACTGTTGTTTACTTGGGAAGAGCTAACATCTG
 AGAAACAACCTACGTGGTGAAGTCACTGAAGGAGATGCTCAGGAGCAGGATTCTCCAGCCTCCGTTGCAC
 AAACAGTGAAGTCACAGTGCAGCCAGCCCTATCTGAGCTTCGGGCTGCCAAGGACTTTGTAGACCTT
 TCCACCGGGGAGGATGCTCACAAGCTCATCGATTTCTTAAAGCTGAAAAGAAATGAGCAAGAGGACGACT
 GAGTGTGCTTGGAGAACAGGCCAAGAGGGAAGCAGCTCTGGCAGAGGCCTCGCTAGAACACAGCGAGG
 GGCAGGTGGTGGCAGGGTGCAAAATCATTGGCTTTTATATTCATGTGTATTTACCTGAAAAAAGAGGGA
 GGCCTTTGGTACTTGTAAAAAATAACATAATAAATAGATCTTAAACATAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_133837
Insert Size: 1011 bp



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| 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: | BC022972 , AAH22972 |
| RefSeq Size: | 1259 bp |
| RefSeq ORF: | 1011 bp |
| Locus ID: | 98828 |
| UniProt ID: | Q8CII2 |
| Cytogenetics: | 2 A1 |
| Gene Summary: | Required for S phase entry of the cell cycle.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments. |