

Product datasheet for MR221733

Chchd7 (NM_001190323) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Chchd7 (NM_001190323) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Chchd7
Synonyms: 1810049H20Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR221733 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCCATGGTCACTCGGCGGCTGAGAGATCCTGACATAAACCCCTTGCTTGTCGGAATCTGATGCTTCTA
 CCAGATGCATGGATGAAAATAACTATGACAGGGAAAGGTGTTCCAGTTACTTCTTGAAGTACAAAACTG
 CCGGCGATTCTGGAATTCTGTCTATGATCCAAAGAAGACAAAATGGAGTTCAGCCATCTATGCCTACAGCA
 GCAGAAAGAGACGAAATTTGGGAGCAATGCAAAAGATGCCTAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR221733 protein sequence
 Red=Cloning site Green=Tags(s)
 MPMVTRRLRDPDINPCLSESDASTRCMDENNYDRERCSSYFLKYKNCRRFWNSVMIQRRQNGVQPSMPTA
 AERDEILGAMQKMPY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk4113_a07.zip

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_001190323

ORF Size: 258 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001190323.2](#)

RefSeq Size: 541 bp

RefSeq ORF: 258 bp

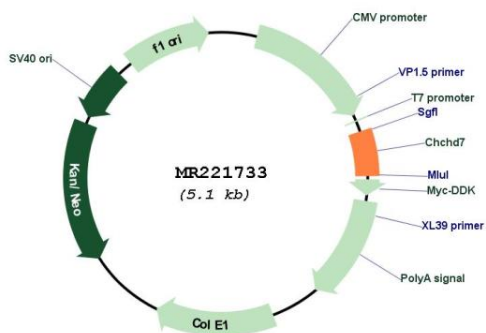
Locus ID: 66433

UniProt ID: Q8K2Q5

Cytogenetics: 4 A1

MW: 10.1 kDa

Product images:



Circular map for MR221733