

Product datasheet for MR223785

Ndufa11 (NM_027244) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ndufa11 (NM_027244) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ndufa11
Synonyms: 2010012C24Rik; AV006275; B14.7
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR223785 representing NM_027244
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGATGGTGAAGCGGTTCTTTGAATCTTACCATGAGGTCCCCGACGGCACCCAGTGTTCATCGCAAGA
 CCTACATCACCACGGCCTTAGGCGGCATTTGCGGCATAATCGGCTCCGCTTACAGCGTCTCACTCAACCC
 CGCAGATTCCACCCTGGAAGCAGTGGCCAGAGTCGGCCGGTACACATTCAGTGCAGCTGCTATTGGAGCG
 ATGTTTGGCCTTACCACCTGTGTCAGTGCCAGGTCGAGAGAAGCCAGATGACCCCTGAACTACTTCA
 TTGGTGGCTGCGCGGGAGGCCTGACATTGGGAGCTCGCACTCACAGCTATGGGACAGCAGCCATGGGCTG
 TGTCTACATGGGCACTGCGGCCGCCCTGTTCAAGATCGGCAAGCTGGAAGGCTGGGAGTTGTTCCCTACC
 CCAAGGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR223785 representing NM_027244
 Red=Cloning site Green=Tags(s)

MAMVKRFFESYHEVPDGTQCHRKYITTTALGGICGIIIGSAYSVSLNPNADSTLEAVARVGRYFTAAAIGA
 MFGLTTCVSAQVREKPDPLNYFIGGCAGGLTLGARTHSGYGTAAAMGCVYMGTAALFKIGKLEGWELFPT
 PKV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



Cloning Scheme:



ACCN: NM_027244

ORF Size: 429 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_027244.1](#), [NP_081520.1](#)

RefSeq Size: 2661 bp

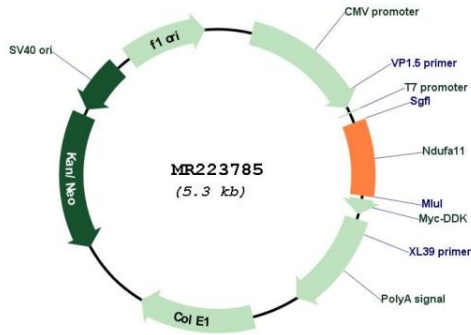
RefSeq ORF: 432 bp

Locus ID: 69875

Cytogenetics: 17 D

MW: 15.6 kDa

Product images:



Circular map for MR223785