

Product datasheet for **MC217622**

Dnajc21 (NM_030046) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dnajc21 (NM_030046) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dnajc21
Synonyms:	4930461P20Rik; 9930116P15Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217622 representing NM_030046
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAAGTGTCACTACGAGGCGCTGGGGTGCAGCGCACGCCAGCGAGGAGAGCTCAAGAAGGCCTATC
GGAAGCTGGCCCTGAGGTGGCACCCGGATAAAAACTGGACAATGCCGAGAAAGCAGCTGAGCAGTTTAA
ATTAATCCAAGCTGCATATGACGTCTTAAGTGACCCTCAGGAAAGAGCGTGGTACGATAACCACCGAGAG
GCCTTACTTAAAGGAGGGCTCGATGGGGAATATCAAGATGACAGCTTAGATCTGTTCATTATTTACCGG
TTACCTGTTATTCTGGTTATGGGACGATGAAAGGGGTTCTATGCAGTGTATCGTGTGTCTTTGAGCT
GATTGCAAAAAGAAGAACTGGAGTGTATGTCAGAGGAGATGTTGAGGATTTTCCAACCTTCGGCGACTCC
CAGAGCGACTATGACACGGTGGTCCACCCTTCTACGCTCACTGGCAGAGTTTCTGCACACAAAAGAAATT
TTTCTGGAAGGAAGAGTATGATACCCGGCAAGCTCGAACCCTGGGAAAAACGAGCCATGAAAAAGA
AAACAAAAAATTCGAGACAGAGCAAGGAAAGAGAAAAATGAACGGTGCAGCTGGTAGCCTTCATT
CGTAAACGAGATAAGAGAGTGCAGGCCATCGGAAGCTTGTGGAGGAGCAGAACGCAGAGAAGGCGAGGA
AGGCAGAGGAGATGAGGAGGCAGCAGAAGCTGAAGCAAGCCAAGCTGGCAGAGCAGTACAGAGAGCAGAG
CTGGATGACCATGGCCAAATTTGGAGAAGGAGCTCCAGGAGATGGAAGCAAGGTACGAGAAGGAGTTTGA
GATGGATCAGATGAAAACGAAGTGGAGGATCAGGAGCCGAAACGGATTGGATGGCAAGGACAGCGAGG
AGGCTGAGGAGGCTGAGCTTTACCAGGACCTTTACTGCCAGCTTGTGACAAATCCTTCAAGACAGAAAA
GGCCATGAAGAATCACGAGAAGTCAAAGAAACATCGGGAAATGGTTGCCTTGTTAAAACAGCAGTTGGAG
GAGGAGGAAGAACAGTTTTTCAGGAGTTCAAATGGATGAAAATGTATTGAATGCCAATTCGAGGAGGAAA
TGAAGATACACCAAAGCAGAAGCTTTCTAAAAACAGAAGAAAAAGAAACAGAAATCAGCAGAAATTT
TGATGACAATTTCAATGAAAATGGAAGTGAAGAAGGAGGAAAGATTGCTCCAGAAAAGACTAAGTCAAAT
GAAGACAATGCCAAAGAATTAGAAAATAGGCCCAAGAAAATACCTGTATTACAGAGACCACAGAAGCCT
GTGAGGATCCAAAAGCGAAGCTAAAAGTGTCTAAATCCAAAGGAAAGAAAACCAAAGATGTAAAAA
ATCTGTCAAAGCACCTGCTGAAGCACAGCCAGTGAAGTGTCTCATCAGCTGTGCGACTTGCCACAGT
GAATTTCCATCCCGAATAAACTGTTTGTATCATCTAAAGGCTACTGGTCAAGAGCACCTTCAGCCA
CAGCATCTTAAACAGTGAAGTGAAGCAAGAAAGAGAAAGCGTAGAAGTAGA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_030046

Insert Size: 1596 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_030046.2](#), [NP_084322.2](#)

RefSeq Size: 2053 bp

RefSeq ORF: 1596 bp

Locus ID: 78244

UniProt ID: [E9Q8D0](#)

Cytogenetics: 15 A1

Gene Summary: May act as a co-chaperone for HSP70. May play a role in ribosomal RNA (rRNA) biogenesis, possibly in the maturation of the 60S subunit. Binds the precursor 45S rRNA.
[UniProtKB/Swiss-Prot Function]