

Product datasheet for **RC207253**

DDX51 (NM_175066) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DDX51 (NM_175066) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	DDX51
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC207253 representing NM_175066
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence: >RC207253 representing NM_175066
Red=Cloning site Green=Tags(s)

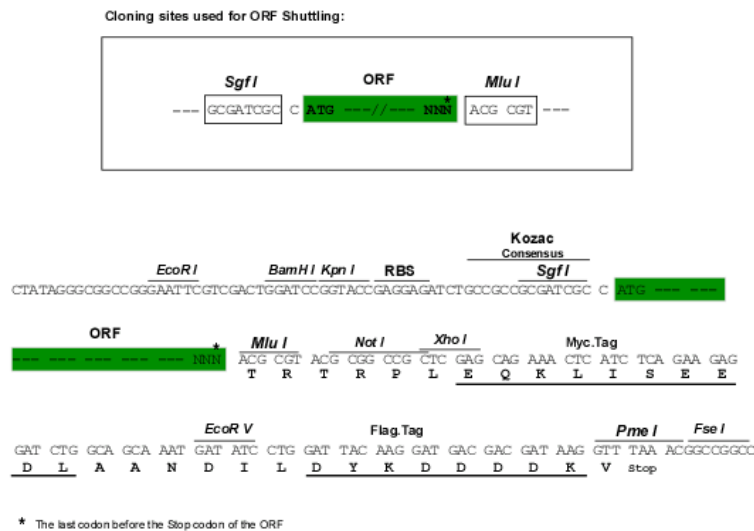
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 RHELSSKLLQPLVPRYEEALSQLEESVKEERKQRAA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8106_h12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_175066

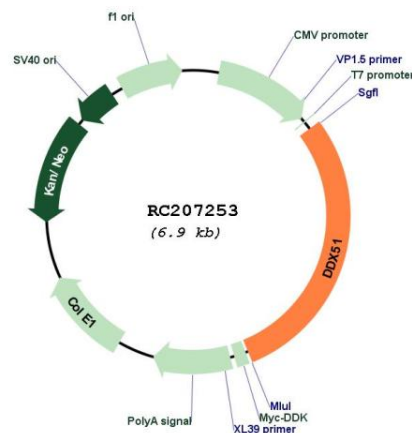
ORF Size: 1998 bp

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](#)

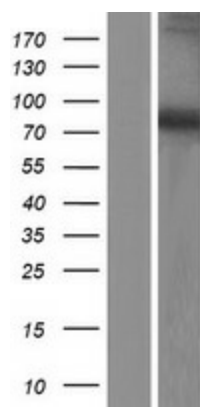
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_175066.4</u>
RefSeq Size:	2802 bp
RefSeq ORF:	2001 bp
Locus ID:	317781
UniProt ID:	<u>Q8N8A6</u>
Cytogenetics:	12q24.33
MW:	72.3 kDa
Gene Summary:	ATP-binding RNA helicase involved in the biogenesis of 60S ribosomal subunits. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC207253



Western blot validation of overexpression lysate (Cat# [LY406306]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC207253 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).