

Product datasheet for **RC238413**

DNAJC16 (NM_001287811) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJC16 (NM_001287811) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	DNAJC16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC238413 representing NM_001287811
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACAAGGCGGTACAACATCAATATCTACGCCCTACCTCTTGGTCTTTAAAGAACATATAAACAGGC
 CTGCCGATGTTATCCAGGCCGAGGTATGAAGAAGCAAATCATTGACGACTTCATCACCCGAAACAAATA
 TCTATTGGCAGCCAGGCTCACCAGCCAGAAGTTGTTCATGAACTCTGCCCTGTGAAACGGTCGCATCGA
 CAGAGGAAGTACTGTGTGGTTTTATTGACTGCTGAGACTACCAAGTTGAGCAAACCCCTTTGAGGCTTTCC
 TGTCTTTGCCCTGGCAAACACTCAAGACACAGTGAGATTTGTGCATGTCTACAGCAATCGGCAGCAGGA
 GTTTGCCGACACCTTACTACCAGACAGTGAGGCGTTTCAAGGGAAATCAGCGGTGTCTATTTAGAAAGG
 CGCAACACAGCAGGAAGGGTGGTGTATAAACCCCTGGAAGACCCTTGATTGGGAGTGAGAGTGACAAAT
 TTATCCTCTTGGGCTATCTCGACCAGTGCCTAAAGATCCAGCTCTTCTGCTCTGAAGCAGTGCTTCC
 TGACCTGACCGATGAACTTGCCCTGTTTTCTCTTCGATGGTCTACTCTGCTTCTGACTACATCTCA
 GACTGCTGGGATAGCATTTTTCAACAACCTGGAGGGAATGATGCCCTGCTGTCCCTGATCTTCTCTG
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 AGCAAGATTCTAAAAAGGCTTTGTGGAGGTAAGTGAACACAGATGTAAATACACCAAGTAACTTGG
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 ATAAGCATTTTATGGAGCGTGACTACACTGGTTATGACTGGCTCTGAATGGCCACAAGAAATACTTCTG
 CCTCTTCAAGCCCCAAAAGACAGTCAAGAGGAGGAAGCCATAGGGTCGTGCAGTGATGTTGACTCTTCC
 CTCTACCTGGGTGAATCTCGAGGAAACCTTCTGTGGCCTTGATCCAGGCCCATCAAAGGAAAGTTGA
 GCAAGCTCTCTTTATGGATGGAACGCCTGCTGGAGGGCTCCTTACAGAGGTTTTATCCCATCATGGCC
 TGAAGTAGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

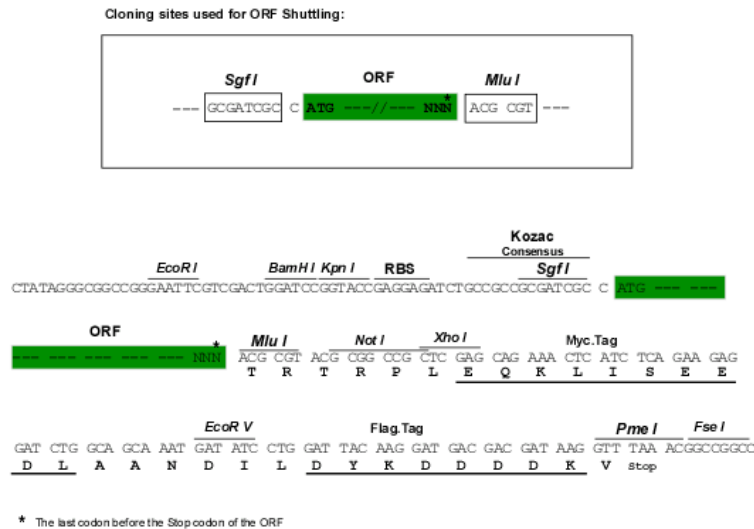
>RC238413 representing NM_001287811
 Red=Cloning site Green=Tags(s)

MTRRYNINIYAPTLVFEKHINRPADVQARGMKQIIDDFTIRNKYLLAARLTSQKLFHELCPVKRSHR
 QRKYCVLLTAETTKLSKPF AFLSFALANTQDTRFVHVYSNRQQEFADLLPDSEAFQKSAVSILER
 RNTAGRVVYKTLEDPIWIGSESKFILLGYLDQLRKDPALLSSEAVLPDLTDELAPVFLRWFYSASDYIS
 DCWDSIFHNNWREMPPLLSLIFSALFILFGTVIVQAFSDSNDERESSPEKEEAQKTEGKTEPSFTKENS
 SKIPKGFVEVTELTDTVYTSNLVRLRPGHMNVVLILSNSTKTSLLQKFALEVYFTGSSCLHFSFLSLD
 KHREWLEYLLEFAQDAAPIPNQYDKHFMERDYGTVLALNGHKYFCLFKPQKTVEEEEAIGSCSDVDSS
 LYLGESRGKPSGLGSRPIKGLSKLSLWMERLLEGLQRFYIPSWPELD

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001287811

ORF Size: 1410 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: [NM_001287811.1](#), [NP_001274740.1](#)

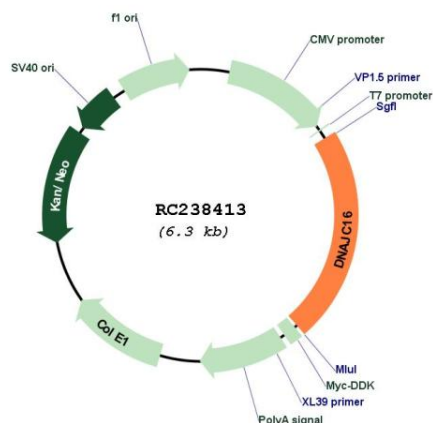
RefSeq Size: 5893 bp

RefSeq ORF: 1413 bp

Locus ID: 23341

UniProt ID: Q9Y2G8
 Cytogenetics: 1p36.21
 Protein Families: Druggable Genome, Transmembrane
 MW: 54.4 kDa

Product images:



Circular map for RC238413