

Product datasheet for **SC304283**

DNAJC16 (NM_015291) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJC16 (NM_015291) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNAJC16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC304283 representing NM_015291.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGGAAGTGAGAAAGTTGAGCATTCTTGGCAGTCTTGATAGTTCTGTTCTGATCCTGCAAAATCTG
TCTGCGTTGGATTTTGACCCATACAGAGTCCTAGGGGTCAGCCGAACAGCCAGTCAGGCTGATATTTAA
AAGGCTTATAAGAAGCTCGCCCGGGAATGGCATCCTGACAAAAACAAAGATCCTGGAGCAGAAGACAAG
TTCATTCAAATCAGTAAGGCTTACGAGATTCTTTCAAATGAAGAAAAGAGATCAAATTATGATCAATAT
GGAGACGCTGGAGAGAACCAGGGCTACCAGAAGCAGCAACAGCAGCGAGAGTATCGCTTCCGCCATTTT
CATGAAAATTTTTATTTTATGTAATCCTTTTTTCACTTCCCTTTTAATTCTGAACGGCGGGACTCAATT
GACGAAAAGTATTTATTGCACTTTTACATTATGTGAATGAAGTGGTCCAGATAGCTTCAAGAAACCC
TACCTCATCAAGATCACCTCCGATTGGTGTCTTAGCTGCATTATATCGAGCCTGTGTGGAAGAAGTC
ATTCAGAAGTGAAGAATTGGGTGTAGGAATTGGCGTGGTCCATGCTGGGTATGAGAGACGCTGGCC
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GTTACAAATAAAAATTACGTGAGATTCTCTCTGGCTGGCAGCAAGAGAATAAGCCTCATGTCCTCTG
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TTTGGATATGTATATGTGGGTTTGAGAGGGACGGAAGAGATGACAAGGCGGTACAACATCAATATCTAC
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ACTGCTGAGACTACCAAGTTGAGCAACCCCTTTGAGGCTTTCTGTCTTTGCCCTGGCAACACTCAA
GACACAGTGAGATTTGTGCATGTCTACAGCAATCGGCAGCAGGAGTTTGCCGACACCTTACTACCAGAC
AGTGAGGCGTTTTCAAGGGAATCAGCGGTGTCTATTTTAGAAAGCGCAACACAGCAGGAAGGGTGGTG
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CAGCTGCGTAAAGATCCAGCTCTTCTGTCTCTGAAGCAGTGCTTCTGACCTGACCGATGAAGTTGCC
CCTGTTTTCTCCTTCGATGGTTCTACTCTGCTTCTGACTACATCTCAGACTGCTGGGATAGCATTTTT
CACAACAAGTGGAGGGAATGATGCCCTGCTGTCCCTGATCTTCTGCCCCTTTCATCCTCTTCGGC
ACTGTCATCGTTCAGGCTTTAGCGACTCTAATGATGAGCGAGAGTCAAGCCCTCCAGAAAAAGAGGAA
GCCAAGAGAAGACTGGGAAAAGTGAAGCAAGCTTACCAAGAAAACAGCAGCAAGATTCTAAAAAA
GGCTTTGTGGAGGTAAGTGAAGTCAAGATGTAACATACACAGTAAGTGGTACGTCTGAGGCCAGGC
CACATGAATGTGGTCTCATCCTGTGCAATTCTACCAAGACCAGCCTACTACAGAAATTTGCTTTGGAG
GTCTACACATTTACTGGGAGCAGCTGCCTACACTTCTCCTTCTGAGTCTAGATAAACACAGAGAATGG
CTAGAATACTTACTAGAATTTGCTCAAGATGCAGCTCCATCCCAACCAATATGATAAGCATTTTCATG
GAGCGTGACTACACTGGTTATGTACTGGCTCTGAATGGCCACAAGAAATACTTCTGCCTCTTCAAGCCC
CAAAAGACAGTCGAAGAGGAGGAAGCCATAGGGTCGTGCAGTGATGTTGACTCTTCCCTCTACCTGGGT
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TTATGGATGGAACGCCTGCTGGAGGGCTCTTACAGAGTTTTATATCCCATCATGGCCTGAAGTACAG
TGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI
ACCN: NM_015291
Insert Size: 2349 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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 TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_015291.3](#)

RefSeq Size: 6078 bp

RefSeq ORF: 2349 bp

Locus ID: 23341

UniProt ID: [Q9Y2G8](#)

Cytogenetics: 1p36.21

Protein Families: Druggable Genome, Transmembrane

MW: 90.6 kDa