

Product datasheet for **SC113636**

DNAJC11 (NM_018198) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJC11 (NM_018198) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNAJC11
Synonyms:	dj126A5.1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene ORF within SC113636 sequence for NM_018198 edited (data generated by NextGen Sequencing)

```

ATGGCGACGGCCTTGAGCGAGGAGGAGCTGGACAATGAAGACTATTACTCGTTGCTGAAC
GTGCGCAGGGAGGCTCTTCTGAAGAGCTGAAAGCTGCCTACCGGAGGCTCTGTATGCTC
TACCATCCAGACAAGCACAGAGACCCAGAGCTCAAGTCACAGGCGGAACGACTGTTTAAC
CTTGTTACCAGGCTTATGAAGTGCTTAGTGACCCCAAACAGGGCCATCTATGATATA
TATGGGAAGAGAGGACTGAAATGGAAGGATGGGAGGTTGTGAAAGGAGGAGAACCCTT
GCTGAAATTCGAGAGGAGTTTGAGCGGCTGCAGAGAGAGAGAGAAGAGAGGAGATTGCAG
CAGCGAACCAATCCCAAGGGAACGATCAGCGTTGGAGTAGATGCCACCGACCTTTTTGAT
CGCTATGATGAGGAGTATGAAGATGTGTCCGGCAGTAGCTTTCCGAGATTGAAATTAAT
AAAATGCACATATCCCAGTCCATTGAGGCACCCTTGACAGCGACAGACACAGCCATCCTC
TCTGGAAGCCTCTCAACCCAGAATGAAATGGAGGAGGTTCCATTAACCTTTCGCTCAGA
CGAGTAACTTCGGCAAAGGGATGGGGAGAGTTGGAATTTGGAGCTGGAGACCTACAGGGG
CCTTTGTTCCGGTCTCAAGCTGTTCCGTAATCTCACACCAAGATGCTTTGTACAACAAAC
TGTGCTCTGCAGTTTTTCATCCCCTGGAATCCGACCCGGCCTGACCACTGTCTAGCTCGG
AACCTAGACAAGAACCCTGGGCTACCTGCAGTGGCGATGGGGTATCCAGTCAGCCATG
AACACTAGCATCGTCCGAGACACTAAAACCAGCCACTTACTGTGGCCCTGCAGCTGGGA
ATCCCTCACTCCTTTGCACTGATCAGCTATCAGCACAATTCGAAGATGACGATCAGACT
CGTGTGAAAGGATCCCTCAAAGCAGGCTTCTTTGGGACGGTGGTGGAGTACGGAGCTGAG
AGGAAGATCTCCAGGCACAGCGTTTTGGGTGCAGCTGTACAGCGTTGGAGTTCCACAGGT
GTTTCTCTCAAAGTCAAGCTCAACAGGGCCAGTCAGACATACTTCTTCCCTATTCCTTG
ACGGACCAGCTTCTGCCAGCGCCATGTTCTATGCCACCGTGGGGCCTCTAGTGGTCTAC
TTTGCCATGCACCGTCTGATCATCAAACCATACTCAGGGCTCAGAAAGAGAAGGAATTG
GAGAAGCAGAGGGAAAGCGCCGCCACCGATGTGCTGCAGAAGAAGCAAGAGGCGGAGTCC
GCTGTCCGGCTGATGCAGGAATCTGTCCGAAGGATAATTGAGGCAGAAGAGTCCAGAATG
GGCCTCATCATCGTCAATGCCTGGTACGGGAAGTTGTCAATGACAAGAGCAGGAAGAGC
GAGAAGGTGAAGGTGATTGACGTGACTGTGCCCTGCAGTGCCTGGTGAAGGACTCGAAG
CTCATCTCACGGAGGCCTCCAAGGCTGGGCTGCCTGGCTTTTATGACCCGTGTGTGGG
GAAGAGAAGAACCTGAAAGTGCTCTATCAGTCCGGGGCGTCTGCATCAGGTGATGGTG
CTGGACAGTGAGGCCCTCCGGATACCAAAGCAGTCCCACAGGATCGATACAGATGGATAA
    
```

Clone variation with respect to NM_018198.3

5' Read Nucleotide Sequence:

```

>OriGene 5' read for NM_018198 unedited
AGATTTTGTATACGACTTACTATAGGCGGCCGCGCAATTCGCACGAGGAAAGTTGCGAAG
ATGGCGACGGCCTTGAGCGAGGAGGAGCTGGACAATGAAGACTATTACTCGTTGCTGAAC
GTGCGCAGGGAGGCTCTTCTGAAGAGCTGAAAGCTGCCTACCGGAGGCTCTGTATGCTC
TACCATCCAGACAAGCACAGAGACCCATAGCTCAAGTCACAGGCGGAACGACTGTTTAAC
CTTGTTACCAGGCTTATGAAGTGCTTAGTGACCCCAAACAGGGCCATCTATGATATA
TATGGGAAGAGAGGACTGAAATGGAAGGATGGGAGGTTGTGAAAGGAGGAGAACCCTT
GCTGAAATTCGAGAGGAGTTTGAGCGGCTGCAGAGAGAGAGAGAAGAGAGGAGATTGCAG
CAGCGAACCAATCCCAAGGGAACGATCAGCGTTGGAGTAGATGCCACCGACCTTTTTGAT
CGCTATGATGAGGAGTATGAAGATGTGTCCGGCAGTAGCTTTCCGAGATTGAAATTAAT
AAAATGCACATATCCCAGTCCATTGAGGCACCCTTGACAGCGACAGACACAGCCATCCTC
TCTGGAAGCCTCTCAACCCAGAATGAAATGGAGGAGGTTCCATTAACCTTTCGCTCAGA
CGAGTAACTTCGGCAAAGGGATGGGGAGAGTTGGAATTTGGAGCTGGAGACCTACAGGGG
CCTTTGTTCCGGTCTCAAGCTGTTCCGTAATCTCACACCAAGATGCTNTGTACAACAAAC
TGTGCTCTGCAGTTTTTCATCCCCTGGAATCCGACCCGGNCTGACCACTGTNCTAGCTCGA
ACCTAGACAGAACCCTGGCTACCTGCAGTGGCGATGGGGTATNCAGTCAGCCAGGACA
CTAGCATCGTTCGAGAACTAAACCAGCCACTTACTGTGGCCTGCAGCTGGGAATCCTCAT
T
    
```

3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_018198 unedited GACCGCGGGCCGCAATTTAGNATCGAGTTTTTTTTTTTTTTTTTTTCTTTTCAGGAAGGTT TATTGTGGTGAGTGCCTTCTGTACAGTCGACTGCAAAATGAAACGCAGAGGATGGGTGCC AGAAGCACCTGCGGCAGAGGGCCACGGGAAGCCCGGGGCCAGGCTCATGCAACACGACG CTCACCGCGCTCGGGCCGTGGGGCCGTGAGAGAAACCTTTTTAAAAAATGGAGATGAAT GTTACAGAATTGGACAACCCGAAGTCTTTTCAAACCAGAGGAAGGAGGTTCTTAGCCG TTACTCAGATACCAGTGTCTGGGGAGGGAGGCCTGACTTCAGCAACAGCTGTGGTGGGCT GGAGCCCGCGCAGCTTGGGGCCCCCGCCAGCTGTCTCAGCCACCACCTGTGCGGCG CTTGCTCCGAGGGTTCAGCAAGGCAACTGATGGCTGCCACTTCCAGGCCCGAGAGACA GGCCTCACGTAACCTTACTGCAGCCGAGGTCCAGGCCGTGGAGGGGGTCTAGCTCCGCT GCATTCTGCATCCCAAGTGGGCACGTGGAGGAAGGGTCTGAAGGAAGGCTCCGGAGCACA GGCCCTGGTGTCTGTGAGGACGCTGGACCTGCAGGAGCGNGAGCTGCAGTGCCACCT GCTGGGTACCACGGCCGGCCGTGGGTCCACGCCTTTGGGTTGGGTGTGTCTGATGTCT TGCCAAGCGCCTGGTCTCTCTTGTGCTCTTGTGCTGCTTGTGCTGCTGCTGCTGCTGCT GGGTGGTGCANNGCGTGGAGGGACACAGCCAGCTCAAGCCCGCTGGTGGCAGGCCGTTT TCCACCGNTACCGGAAGCCACTGTGTCAGGCTAGCCCTGGGATCGGNAGTACCTACCT GTCCAACCGAGGGGGCCGTGAATGACNTGACACTT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_018198
Insert Size:	3090 bp
OTI Disclaimer:	<p>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.</p> <p>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</p>
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:	<ol style="list-style-type: none"> 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_018198.1 , NP_060668.1
RefSeq Size:	3199 bp

RefSeq ORF: 1680 bp

Locus ID: 55735

UniProt ID: [Q9NVH1](#)

Cytogenetics: 1p36.31

Domains: Dnaj

Gene Summary: Isoform 1: Required for mitochondrial inner membrane organization. Seems to function through its association with the MICOS complex and the mitochondrial outer membrane sorting assembly machinery (SAM) complex.[UniProtKB/Swiss-Prot Function]