

Product datasheet for **SC100630**

DNAJC18 (NM_152686) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJC18 (NM_152686) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNAJC18
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_152686, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGCGACTCTGGGCAGCGGGAGCGCTGGACGGAAGCTTACATTGACGCAGTTAGAAGAAACAAAT
ACCCAGAAGACACACCTCCTGAGAGTCATGACCCCTGTGGCTGCTGTAAGTGCATGAAGGCACAAAAGGA
AAAGAAGTCTGAGAATGAGTGGACTCAGACCCGGCAGGGTGAGGGGAAGTCCACGTATAGTGAGGAACAG
CTGCTTGGGGTACAAAGGATCAAGAAATGCAGAAATTACTATGAAATTCTGGGAGTTTCTCGAGATGCTA
GTGACGAAGAGCTTAAGAAAGCTTACAGAAAACCGCCCTGAAATTTACCCCTGACAAGAAGTGTGCTCC
TGGAGCAACAGATGCTTTCAAAGCAATAGGAAATGCATTTGCAGTCCTGAGCAATCCTGATAAGAGACT
CGCTATGATGAATACGGAGATGAACAGGTGACTTTCAGTCCCTCGAGCCAGACCTTATAATTATTACA
GGGATTTTGAAGCTGACATCACTCCAGAAGAGCTGTTCAACGTCTTCTTTGGAGGACATTTTCTACAGG
AAATATTCATATGTTTTCAAATGTGACAGATGACACTTACTATTACCGTCGACGGCACCCGACATGAGAGG
ACACAGACTCAGAAGGAGGAGGAAGAAGAGAAACCTCAGACTACATATTCTGCATTTATTAGCTACTTTC
CAGTTCTGTGATTGTGATTATATCTGTCATTACTCAGCTGCTGGCTACTAATCCCCCATATAGTCTGTT
CTATAAATCGACCTTGGGCTACACCATTCTAGAGAAACTCAGAACCTGCAGGTGCCTTACTTTGTGGAT
AAAACTTTGACAAGGCCTACAGAGGAGCTTCTCTGCATGACTTGGAGAAAACAATAGAGAAGGATTACA
TTGATTATATCCAGACTAGTTGTTGGAAGGAGAAAACAACAAAAGTCAGAGCTGACAAATTTGGCAGGATT
ATACAGAGATGAACGATTGAAACAGAAAGCAGAGTCGCTGAAACTTGAAAAGTGTGAGAACTTTCCAAA
CTCATTGGCCTACGCAGAGGTGGCTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_152686 unedited
 CCTGCTGGATGGGAACCGAATGGCGCGACTCTGGGCAGCGGGGAGCGCTGGACGGAAGC
 TTACATTGACGCAGTTAGAAGAAACAAATACCCAGAAGACACACCTCCTGAGAGTCATGA
 CCCCTGTGGTGTCTGTAAGTGCATGAAGGCACAAAAGGAAAAGAAGTCTGAGAATGAGTG
 GACTCAGACCCGGCAGGGTGAGGGGAACCCACGTATAGTGAGGAACAGCTGCTTGGGGT
 ACAAAGGATCAAGAAATGCAGAAATTAATGAAATTTCTGGGAGTTTCTCGAGATGCTAG
 TGACGAAGAGCTTAAGAAAGCTTACAGAAAACCTCGCCCTGAAATTTACCCCTGACAAGAA
 CTGTGCTCCTGGAGCAACAGATGCTTTCAAGCAATAGGAAATGCATTTGCAGTCCTGAG
 CAATCCTGATAAGAGACTTCGCTATGATGAATACGGAGATGAACAGGTGACTTTCCTGTC
 CCCTCGAGCCAGACCTTATAATTATTACAGGGATTTTGAAGCTGACATCACTCCAGAAGA
 GCTGTTCAACGCTTCTTTGGAGGACATTTTCTACAGGAAATATTCATATGTTTTCAA
 TGTGACAGATGACACTTACTATTACCGTCGACGGCACCAGACATGAGAGGACACAGACTCA
 GAAGGAGGAGGAAGAAGAAACCTCAGGACCTTGGGCTACACCATTTCTAGAGAAACTC
 AGAACCTGCANGTGCCTTACTTTGTGGATANAAAACCTTGACANGGGCCTACAGAGAGCTT
 CTCTGCATGACTTGGAGAANACATAGAGAAGATTACTTNGTTATATNCAGACTAGNTGNT
 GAANNAGAAAACANAGTCAGAGCTGACAAATTTGGCGGNATATACAGAGATGAACGAT
 TGAACAGAAAGCNAGTCGCTGAACTTGAAGTGTGAGAAGT

3' Read Nucleotide Sequence:

>OriGene 3' genomic read for NM_152686 unedited
 NCCGTATACTATGNACCGCGCCGATTCTANGATCGAGTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTGAGACAGAGTCTTGCTCTGTCAACCAGGCTGGAGTGCAATGATGTGATCTCAGCT
 TACTGCAACCTCTGCCTCCCAGGCTCAAGAGATTCTTCTGCCTCAGCCTCCTGAGGAGCT
 GGGATTACAGACACGTGCTACCATGCCCGCCTAATTTTTGTATTTTTAGTACAGACAGAG
 GTTTCACCATGTGTGGCCAGGCTGGTCTGGAACCTCCTGACCTCAAATGATCTGCCTGCCT
 CAGCCTTTCAAAGTCTGGGATTACAGGCATGAGCTACTGGGCCTGGCCAGTTCCTGTGTA
 TTTTCGAACAATTTCAAACAGAAAGCACAGCAGTGACGTTTTCTTACTGGTCACTGCTCC
 CGTGCTGTGAGGCCTGGAGCTGATCAAGGAAGCTTACACATTTCCCGCCTGAGCAGATG
 AACTCTAGGGTTGCTAATCTGGGACGTGGGTTCTTCAAGCTCTTTGTGATGAGAAGGA
 TTTTCATCCTCTTTTCTACTGCCGATCGTGGGTAGAGAGAGCATCTTCATTTGAATG
 AGAGCTTCAGTTTCTGCTTGGCCTCAAGCCCTATTTCTGAGCGTCTCCTCTCACACA
 CGTCTCCAATCTGCAGTAATGCTCAAAGAAACAGTCTAGAGCTGGGTGCCAAGCTCCGGC
 AGCAAGAATAAGCCCTACCTAGTTATGTATGATCAGGAGATCTCCACAGGACGTAGGCG
 AGAGGAAAAAGCTTATTTTACCACCATGCAGACAACCCATCTTAAATATAACCCCGGAA
 ATATAGCTTCACATATTCTGGGAAGTATCAAATAGATAAATTTCTTCAACCA

Restriction Sites:

NotI-NotI

ACCN:

NM_152686

Insert Size:

4700 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_152686.2](#), [NP_689899.1](#)

RefSeq Size: 3606 bp

RefSeq ORF: 1077 bp

Locus ID: 202052

UniProt ID: [Q9H819](#)

Cytogenetics: 5q31.2

Domains: Dnaj