

Product datasheet for **SC111830**

DNAJC12 (NM_021800) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJC12 (NM_021800) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNAJC12
Synonyms:	HPANBH4; JDP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC111830 sequence for NM_021800 edited (data generated by NextGen Sequencing)

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ATGGATGCAATACTGAATTACAGGTCAGAAGATACTGAAGATTACTACACATTACTGGGA
TGTGATGAACTATCTTCGGTTGAACAAATCCTGGCAGAATTTAAAGTCAGAGCTCTGGAA
TGTCAACCAGACAAGCATCCTGAAAACCCCAAAGCTGTGGAGACTTTTCAGAACTGCAG
AAGGCAAAGGAGATTCTGACCAATGAAGAGAGTCGAGCCCCTATGACCACTGGCGAAGG
AGCCAGATGTCGATGCCATTCCAGCAGTGGGAAGCTTTGAATGACTCAGTGAAGACGTCA
ATGCACTGGGTTGTCAGAGGTAAAAAGACCTGATGCTGGAAGAATCTGACAAGACTCAT
ACCACCAAGATGGAAAAATGAGGAATGTAATGAGCAAAGAGAAAGAAAGAGAGGAGCTG
GCTTCAACCGCAGAGAAAACGGAGCAGAAAGAACCCAAGCCCCTAGAGAAGTCAGTCTCC
CCGCAAAATTCAGATTCTCAGGTTTTGCAGATGTGAATGGTTGGCACCTTCGTTCCGC
TGGTCCAAGGATGCTCCCTCAGAACTCCTGAGGAAGTTCAGAACTATGAAATATGA
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Clone variation with respect to NM_021800.2



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_021800 unedited
 ATTTAAAACCACGATTTTCACTATAGGGCGGACCGCCCAATTCGGCACGAGGCAAAGGTC
 TAGGATGACATCTGGTGTATTGACTGTGGCCAGTCTTAAAGCTAGTTTTTGTATGTGGA
 ACATGCTGCTCTAATTCAGATTTAAAGAGTTTCTTCTGTAAATTCGAAGCTCACTGTGC
 CTCTTGTTCGAGGGAAGAAGGACTGATTAAGTCTTCTAAATGGATGCAATACTGAATT
 ACAGGTCAGAAGATACTGAAGATTACTACACATTACTGGGATGTGATGAECTATCTTCGG
 TTGAACAAATCCTGGCAGAATTTAAAGTCAGAGCTCTGGAAATGTCACCCAGACAAGCATC
 CTGAAAAACCCAAAGCTGTGGAGACTTTTCAGAAACTGCAGAAGGCAAAGGAGATTCTGA
 CCAATGAAGAGAGTCGAGCCCGCTATGACCACTGGCGAAGGAGCCAGATGTCGATGCCAT
 TCCAGCAGTGGGAAGCTTTGAATGACTCAGTGAAGACGTCAATGCACTGGGTTGTCAGAG
 GTAAAAAGACCTGATGCTGGAAGAATCTGACAAGACTCATACCACCAAGATGGAAAAATG
 AGGAATGTAATGAGCAAAGAGAAAGAAAGAAAGAGGAGCTGGCTTCAACCCGAGAGAAA
 ACGGAGCAGAAAGAACCAAGCCCCTAGAGAAGTCACTCTCCCGCAAAATCAGATTCTT
 CAGGTTTTGCAGATGTGAATGGTTGGCCCCCTTCGTTCCGCTGGTCCCAAGATGCTCCCT
 CAGACTCTGAGGAGTTCAGAAATATGAAATATGAATATCTCTGCTTCAAAAATGAAAAG
 GAGCAAGACTGTCCCCTATGCTGCCACATGCAGTCTTA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_021800 unedited
 GGGGAGGCNNGGGCANNACCCNCCNCCCTCTCCNNTNTNTTTACTTGNCACACGG
 CCGCTTTACNANGANCGNGTTTTTTTTTTTTTTTTTCTGTATCTAAAACCTTATTTAT
 TCAAATTTGGAATAATCATCTTCTGAAATTTCTTATTTAAAAAGCTTATGAGAACTGA
 TTCAGGATGGAGGAATCAATTAGTACTCAGCAATTCACAGACATGACATAAACATGACAT
 TTTTAAGACATAAACAAGACTGCATGTTGGCAGCATAGGGGACAGTCTTGCTCTTCCCTC
 ATTTTTTGAAGCAGAGATATTTTATATTTTCTGAACTTCTCAGGAGTTCTGA
 GGGAGCATCCTTGACCAGCGGAAACGAAGGTGCCAACCATTCACATCTGCAAAACCTGA
 AGAATCTGAATTTTGGGGGAGACTGACTTCTTCTAGGGGCTTGGGTTCTTTCTGCTCCGT
 TTTCTCTCGGTTGAAGCCAGCTCCTCTTTCTTTCTTTCTTTGCTCATTACATTCCTC
 ATTTTCCATCTTGGTGGTATGAGTCTTGTGAGATTCTCCAGCATCAGGTCTTTTTTACC
 TCTGACAACCCAGTGCATTGACGCTTCTACTGAGTCATTCAAAGCTTCCCACTGCTGGAA
 TGGCATCGACATCTGGCTCCTTCGCCAGTGGTCATAGCGGGCTCGACTCTTTCATTGGT
 CAGAATCTCCTTTGCCTTCTGCAGTTTCTGAAAAGTCTCCAGCTTTGGGGGTTTCAAGA
 TGCTTGTCTGGGTGACATTCAGAGCTCTGACTTTAAATTCTGCCAGGATTTGTCAACC
 GGAATAAGTTCATCACATCCCACTNATGGGTAGTAAATCTTCCATATCTCCTGACCTGTA
 ATTCAGTATTGGTCCCTTTAAATGACTTAACAGTCTCCTTTC

Restriction Sites:

NotI-NotI

ACCN:

NM_021800

Insert Size:

1020 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_021800.2](#), [NP_068572.1](#)

RefSeq Size: 1218 bp

RefSeq ORF: 597 bp

Locus ID: 56521

UniProt ID: [Q9UKB3](#)

Cytogenetics: 10q21.3

Domains: Dnaj

Gene Summary: This gene encodes a member of a subclass of the HSP40/Dnaj protein family. Members of this family of proteins are associated with complex assembly, protein folding, and export. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (1) represents the longer transcript, and encodes the longer isoform (a).