

Product datasheet for **SC111396**

DNAJC1 (NM_022365) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJC1 (NM_022365) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNAJC1
Synonyms:	DNAJL1; ERdj1; HTJ1; MTJ1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC111396 sequence for NM_022365 edited (data generated by NextGen Sequencing)

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ATGACGGCTCCTTGCTCCCAGCCGGCGCAGCTTCTGGACGCCGCGCAGCTCGGGCTGGT
CCGTTCCCGCCGCGCCGCGCGGACGCCGCTGCTGTGGCTGCTGCTGCTGCTGGCC
GCCGTGGCGCCGCGCGCGGCTGGGAGAGCGGAGACCTGGAGTTGTTGACTTAGTGGAG
GAGGTGCAGCTCAACTTCTACCAGTTCTCGGGTGCAGCAGGATGCATCATCTGCAG
ATCAGAAAAGCATATCGTAAGCTTTCACATACTTACATCCAGACAAGAATAAAGATGAA
AATGCAGAAACTCAGTTTAGACAATTGGTGGCCATTTATGAAGTTTTAAAGGATGATGAA
CGAAGGCAGAGGTATGATGATATTCTGATCAATGGACTTCCAGATTGGCGACAGCCTGTA
TTCTACTACAGCGGGTGAGAAAAATGAGCAATGCTGAGCTGGCATTACTCTTGTTCATT
ATTCTCACAGTGGGTCAATATGCTGTGGTTTGGTCAATCTACCTGGAAAAACAAGTGGAT
GAACTACTAAGTAGAAAAAGAGAGAAAAAGAAAAAAGACTGGCAGCAAGAGTGTGGAT
GTATCAAACTCGGTGCTTCAGAAAAAATGAAAGATTGCTGATGAAACACAGTGGCAT
GATTTGCTTCCATGCAAACCTGGGATTTGGTTTTGCCTTACACTAAAAGCATTACCTCAC
CTCATCCAGGATGCTGGGCGATTTTATGCTAAATATAAAGAAACAAGATTGAAGGAAAAG
GAAGATGCACTGACTAGAACTGAACTTGAACACTTCAAAAACAGAAGAAAGTTAAAAAA
CCAAAACCTGAATTTCTGTATACACACCTTTAGAAAACATATATTAGTCTTATGAT
CATGGAACCTCCATAGAAGAAATGAGGAACAAATGGATGATTGGTTGGAAAAACAGGAAC
CGAACACAGAAAAACAGGCACCTGAAATGGACAGAAAGAGGACCTCAGCCAACGACAAGA
AGTATGGTTAAGTTCCAGGAGGGACTCCAGGTCGATGGGAAAAGATTGCCACGAATTG
GGTCGATCTGTGACAGATGTGACAACCAAGCAAGCAACTGAAGGATTCAGTGCCTGC
TCCCCAGGAATGGTTAGACTCTCCGAACCAATCGACAGTTCAGAATTCAGGCCCATC
AAAACGGCCACCACCTTGCCCGATGACATGATCACCCAGCGAGAGGACGCGAGGGGGTG
GCAGCGGAGGAGAGCAGGAGGGGAGACTCCGGTGAGCAGGAGACCGGGGCACTGATGCC
CGGCCTCGGAGGCGAAGCCAGCCAGGCTGCTGGAGGCTACAGCGAAGCCGGAGCCAGAG
GAGAAGTCCAGAGCCAAGCGGCAGAAAGACTTTGACATAGCAGAACAAAACGAGTCCAGC
GACGAGGAGAGCCTGAGAAAAGAGAGAGCTCGGTCTGCAGAGGAGCCGTGGACTCAAAAT
CAACAGAACTTCTGGAACCTGGCGTTGCAGCAGTACCAAGGGGATCCTCTGACCGCTGG
GACAAAATAGCCAGATGTGTCCCGTCCAAGNNNNAGGAAGACTGTATCGCTAGGTACAAG
TTGCTGGTTGAACTGGTCCAAAAGAAAAACAAGCTAAAAGCTGA
    
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Clone variation with respect to NM_022365.3
 1591 a=>n;1592 g=>n;1593 c=>n;1594 a=>n

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_022365 unedited
GGATTTTGTAAATACGACTCACTATAGGGCGCCGCGAATTCGGCACGAGGGCGAAGGGAA
GCCTCACCCACTGTGCAGCCCAGGCGCCGGCGCTGCCTCTACAGCTGTGTAGGCCTG
GGGGCGAGGGTCTTCGGAACGTAGCGCTGGCTGCGGCCCGCCCGCTACCCACCCGCC
GTCCGGCAGCCGGCTCCCGCCGCTCCCGCTCTGTCTGGGGCCAGCCACCTGGCGGGCC
GCTCCGGTGCCTGCCCCGCTTTTCACTGACAGGCGCTGTTCCCCACAGCCAGCGCCG
CCCGCCACGTCCCAGCTCTCGGCAACGGAGCTGCGCGGGGGTACCTTTCCGAGCCCA
GCGCGATGACGGCTCCTTGCTCCCAGCCGGCGCAGCTTCTGGACGCCCGCAGCTCGGGC
TGGTGCCGTTCCCGCCGCGCCGCGGACGCCGCTGCTGTGGTGTCTGCTGCTGCTGC
TGGCCCGCTGGCGCCGCGCGGCTGGGAGAGCGGAGACCTGGAGTTGTTGACTTAG
TGGAGGAGGTGCAGCTCAACTTCTACCAGTTCTCGGGTGCAGCAGGATGCATCATCTG
CAGACATCAGAAAAGCATATCGTAAGCTTTCACATACTTACATCCAGACAAGAATAAAG
ATGAAAATGCAGAAACTCAGTTTAGACAATTGGTGGCCATTTATGAANGTTTTAAAGGATG
ATGAACGAAGGCAGAGGTATGATGATATTCTGATCAATGGACTTCCAGATTGGCGACAGC
CTGTATTCTACTACAGCGGGTGAGAAAAATGAGCATGCTGAGCTGGCATTACTCTTGG
TCATTATTCTCACAGTGGGTCAATATGCCTGTGGTTGGTCAATCTACCTGGAAAAACAC
TGGTTGAACTACTNNAGTGNAAAAAAGAGAGAAAAGAAAAAGACTGGNCGCAGAGTGTGG
ATGATCAAACTCGGGCTTCAGAAAAAGAAAGATGCTGAT
    
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Restriction Sites:	NotI-NotI
ACCN:	NM_022365
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:	<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_022365.2 , NP_071760.2
RefSeq Size:	1881 bp
RefSeq ORF:	1665 bp
Locus ID:	64215
UniProt ID:	Q96KC8
Cytogenetics:	10p12.31
Domains:	myb_DNA-binding, DnaJ
Protein Families:	Transcription Factors, Transmembrane
Gene Summary:	The membrane protein encoded by this gene is a DNAJ-like heat shock protein that binds the molecular chaperone BiP. In addition, the encoded protein contains two SANT domains that have been shown to bind serpin alpha1-antichymotrypsin and inter-alpha trypsin inhibitor heavy chain 4. [provided by RefSeq, Jul 2016]