

## Product datasheet for **SC322078**

### **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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_022365, the custom clone sequence may differ by one or more nucleotides

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ATGACGGCTCCTTGCTCCAGCCGGCGCAGCTTCCTGGACGCCAGCTCGGGCTGGTCCCGTTCCCGC
CGCCGCCCGCGGACGCCGCTGCTGGCTGCTGCTGCTGGCCGCGTGGCGCCGGCGCGCGG
CTGGGAGAGCGGAGACCTGGAGTTGTTTGACTTAGTGGAGGAGTGCAGCTCAACTTCTACCAGTTCTC
GGGTGACAGCAGGATGCATCATCTGCAGACATCAGAAAAGCATATCGTAAGCTTTCACTAACTTTACATC
CAGACAAGAATAAAGATGAAAATGCAGAAACTCAGTTTAGACAATTGGTGCCATTTATGAAGTTTTAAA
GGATGATGAACGAAGGCAGAGGTATGATGATATTCTGATCAATGGACTTCCAGATTGGCGACAGCCTGTA
TTCTACTACAGCGGGTGAGAAAAATGAGCAATGCTGAGCTGGCATTACTCTTGTTCATTATTCTCACAG
TGGGTCAATTATGCTGTGGTTTGGTCAATCTACCTGGAAAAACAACCTGGATGAACTACTAAGTAGAAAAA
GAGAGAAAAGAAAAAAGACTGGCAGCAAGAGTGTGGATGTATCAAACTCGGTGCTTCAGAAAAAAT
GAAAGATTGCTGATGAAACCACAGTGGCATGATTTGCTTCCATGCAAACCTGGGGATTTGGTTTTGCCTTA
CACTAAAAGCATTACCTCACCTCATCCAGGATGCTGGGCAGTTTTATGCTAAATATAAGAAACAAGATT
GAAGGAAAAGGAAGATGCACTGACTAGAACTGAACTTGAACACTTCAAAAACAGAAGAAAGTTAAAAA
CCAAAACCTGAATTTCTGTATACACACCTTTAGAAAACATATATTAGTCTTATGATCATGGAACCT
CCATAGAAGAAATTGAGGAACAAATGGATGATTGGTTGGAAAACAGGAACCGAACACAGAAAAAACAGGC
ACCTGAATGGACAGAAGAGGACCTCAGCCAACCTGACAAGAAGTATGGTTAAGTTCCAGGAGGGACTCCA
GGTCGATGGGAAAAGATTGCCACGAATTGGGTGATCTGTGACAGATGTGACAACCAAGCCAAGCAAC
TGAAGGATTCAGTGACCTGCTCCCAGGAATGGTTAGACTCTCCGAACTCAAATCGACAGTTCAGAATTC
CAGGCCCATCAAAACGGCCACCCTTGCCCGATGACATGATCACCCAGCGAGAGGACCGCAGAGGGGGTG
GCAGCGGAGGAGGAGCAGGAGGGAGACTCCGGTGAGCAGGAGACCGGGGCCACTGATGCCCGCCCTCGGA
GGCGGAAGCCAGCCAGGCTGCTGGAGGCTACAGCGAAGCCGGAGCCAGAGGAGAAGTCCAGAGCCAAGCG
GCAGAAGGACTTTGACATAGCAGAACAAAACGAGTCCAGCGACGAGGAGGCCTGAGAAAAGAGAGACT
CGGTCTGCAGAGGAGCCGTGGACTCAAAATCAACAGAACTTCTGGAACCTGGCGTTGCAGCAGTACCCAA
GGGGATCTCTGACCGCTGGGACAAAATAGCCAGATGTGTCCCGTCCAAGAGCAAGGAAGACTGTATCGC
TAGGTACAAGTTGCTGGTTGAACCTGGTCCAAAAGAAAAACAAGCTAAAAGCTGA
    
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- Restriction Sites:** Please inquire
- ACCN:** NM\_022365
- 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).
- 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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_022365.3</a> , <a href="#">NP_071760.2</a>
<b>RefSeq Size:</b>	2213 bp
<b>RefSeq ORF:</b>	1665 bp
<b>Locus ID:</b>	64215
<b>UniProt ID:</b>	<a href="#">Q96KC8</a>
<b>Cytogenetics:</b>	10p12.31
<b>Domains:</b>	myb_DNA-binding, DnaJ
<b>Protein Families:</b>	Transcription Factors, Transmembrane
<b>Gene Summary:</b>	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]