

Product datasheet for **SC322545**

DNAJB9 (NM_012328) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJB9 (NM_012328) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNAJB9
Synonyms:	ERdj4; MDG-1; MDG1; MST049; MSTP049
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322545
 GGGCGCCGGCGGGGAAGGAGGAGCGCTAGGTCCGGTGTACGACCGAGATTAGGGTGCCTGC
 CAGCTCCGGGAGGCCGCGGTGAGGGGCCGGGCCAAAGCTGCCGACCCGAGCCGATCGTCA
 GGGTCGCCAGCGCCTCAGCTCTGTGGAGGAGCAGCAGTAGTCGGAGGGTGCAGGATATTA
 GAAATGGCTACTCCCCAGTCAATTTTCATCTTTGCAATCTGCATTTTAAATGATAACAGAA
 TTAATTTCTGGCCTCAAAAAGCTACTATGATATCTTAGTGTGCCAAAATCGGCATCAGAG
 CGCCAAATCAAGAAGCCCTTTCACAAGTTGCCATGAAGTACCACCCTGACAAAAATAAG
 AGCCCGGATGCTGAAGCAAAATTCAGAGAGATTGCAGAAGCATATGAAACACTCTCAGAT
 GCTAATAGACGAAAAGAGTATGATACACTTGGACACAGTGCTTTTACTAGTGGTAAAGGA
 CAAAGAGGTAGTGAAGTTCTTTTGGAGCAGTCATTTAACTTCAATTTTGTGACTTATTT
 AAAGACTTTGGCTTTTTTGGTCAAAACAAAACACTGGATCCAAGAAGCGTTTTGAAAAT
 CATTTCCAGACACGCCAGGATGGTGGTCCAGTAGACAAAGGCATCATTCCAAGAATTT
 TCTTTTGGAGGTGGATTATTTGATGACATGTTGAAGATATGGAGAAAATGTTTTCTTTT
 AGTGGTTTTGACTCTACCAATCAGCATAACAGTACAGACTGAAAAATAGATTTTCATGGATCT
 AGCAAGCACTGCAGGACTGTCACTCAACGAAGAGGAAAATATGGTTACTACATACTGAC
 TGTTCCAGGACAGTAGTTCTTATTCTATTCTCACTAAATCCAACCTGGTTGACTCTTCTCA
 TTATCTTTGATGTAAACAATTTTCTGTGAACTATTTTGACAAGTGCATGATTTCACTTT
 AAACAATTTGATATAGCTATTAATATATTTAAGGGTTTTTTTTTTTTTGACAAAATCAAC
 ATTCACAGAGTAGACAAAATGCTAATTATTTCCCTGATTAGGAAAAGTTTCTTTAAAAAAC
 ACGTAATTTTGCCTAGTGCTTTTTCTCTACCTGCCCTTGGGCTCACTAATATCACCAGTA
 TTATTACCAAGAAAATATTGAGTTTACCTGATTAACCTTTAAAAGTTAATTGTAGATTTA
 AATTGTGTGAACCTAATGATTTTTGCAGTGAACCTTTACTAATTCAAAGTTGCATGTTT
 TATGACATCTGTGACTTGCCTTGCAGAGTGTACATGAACTGTATAATTGAGTCATTCAG
 TAAAGGAGAACAGTATCTTGGTTAATTGCTACTGAAAGGTTGAGAAAGGAATGGTTTGAT
 ATTTACCACAGCGCTGTGCCTTTCTACAGTAGAACTGGGGTAAAGGAAAATGGTTTTATTG
 CCCATAGTCATTTAGGCTGGAAAAAAGTTGAAAACCTAACGAAATATTGCCAAGAGATTG
 TTATGTGTTTTGGTCCAGCCTAAAAATGATTTTGTAGTGTGAAATCATAGCTACTTACA
 TAGCTTTTTCATATTTCTTTCTTAGTGTGGCACTCTTAGGTCTTAGTATGGATTTATG
 TGTTTGTGTGTGTAGTTTATCCTCTCTCATCTTTATCTAGAGATTGACTGATACCT
 CATTCTGTTTGTAAAACAGCCAGTAATTTCTGTGCAACCTACTATGTGCAATATTTTT
 AAATCCTGAGAAATGTGTGCTTTTGTTCGGATAGACTATTTCTTTAGTTCTGCACTT
 TTCCACATTATACTCCATATGAGTATTAATCCTATGGATACATATTAACAAGTGTCTC
 ATACAACATTGTATGTGAGAGAAAATATAAATATTTACAACCTGAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_012328

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).

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_012328.1](#), [NP_036460.1](#)

RefSeq Size: 2371 bp

RefSeq ORF: 672 bp

Locus ID: 4189

UniProt ID: [Q9UBS3](#)

Cytogenetics: 14q24.2-q24.3

Domains: Dnaj

Protein Families: Druggable Genome, Transmembrane

Gene Summary: This gene is a member of the J protein family. J proteins function in many cellular processes by regulating the ATPase activity of 70 kDa heat shock proteins. This gene is a member of the type 2 subgroup of Dnaj proteins. The encoded protein is localized to the endoplasmic reticulum. This protein is induced by endoplasmic reticulum stress and plays a role in protecting stressed cells from apoptosis. [provided by RefSeq, Dec 2010]