

Product datasheet for **SC319479**

DNAJB11 (NM_016306) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJB11 (NM_016306) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNAJB11
Synonyms:	ABBP-2; ABBP2; Dj-9; DJ9; EDJ; ERdj3; ERj3; ERj3p; PKD6; PRO1080; UNQ537
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_016306.4
GGCAGAAGAGGGGCTAGCTAGTGTCTCTGCGGACCAAGGAGACCCCCGCGCCCCCGG
GTGTGAGCGGCCTCACAGGGCCGGTGGGCTGGCGAGCCGACGCGGCGGAGGAGG
TGTGAGGAGTGTGTGGAACAGGACCCGGGACAGAGGAACCATGGCTCCGAGAACCTGAG
CACCTTTTGCCTGTTGCTGCTATACCTCATCGGGCGGTGATTGCCGACGAGATTTCTA
TAAGATCTTGGGGTGCCTCGAAGTGCCTCTATAAAGGATATTAAGGCTATAGGAA
ACTAGCCCTGCAGCTTATCCCGACCGAACCTGATGATCCACAAGCCAGGAGAAATT
CCAGGATCTGGGTGCTGCTTATGAGTTCTGTCAGATAGTGAGAAACGAAACAGTACGA
TACTTATGGTGAAGAAGGATTAAGATGGTTCATCAGAGCTCCCATGGAGACATTTTTTC
ACACTTCTTTGGGATTTTGGTTTCATGTTTGGAGGAACCCCTCGTCAGCAAGACAGAAA
TATTCCAAGAGGAAGTGATATTATTGTAGATCTAGAAGTCACTTTGGAAGAAGTATATGC
AGGAAATTTTGTGGAAGTAGTTAGAAACAACCTGTGGCAAGGCAGGCTCCTGGCAAACG
GAAGTGCAATTGTGCGCAAGAGATGCGGACCCAGCTGGGCCCTGGGCGCTTCCAAT
GACCCAGGAGGTGGTCTGCGACGAATGCCCTAATGTCAAAGTGAATGAAGAAGCAAC
GCTGGAAGTAGAAATAGAGCCTGGGGTGGAGACGGCATGGAGTACCCCTTTATTGGAGA
AGGTGAGCCTCACGTGGATGGGGAGCCTGGAGATTTACGGTCCGAATCAAAGTTGTCAA
GCACCAATATTTGAAAGGAGAGGAGATGATTTGTACACAATGTGACAACTCATTAGT
TGAGTCACTGGTTGGCTTTGAGATGGATATTACTCACTTGGATGGTCACAAGGTACATAT
TTCCCGGGATAAGATCACCAGGCCAGGAGCGAAGCTATGGAAGAAAGGGGAAGGCTCCC
CAACTTTGACAACAACAATATCAAGGGCTCTTTGATAATCACTTTTGTGATGTGATTTTCC
AAAAGAACAGTTAACAGAGGAAGCGAGAGAAGGTATCAAACAGCTACTGAAACAAGGGTC
AGTGCAGAAGGTATACAATGGACTGCAAGGATATTGAGAGTGAATAAAATTGGACTTTGT
TTAAAAAAAAAAAAAAAAAAAA

Restriction Sites:	Please inquire
ACCN:	NM_016306



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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:	<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_016306.4 , NP_057390.1
RefSeq Size:	1723 bp
RefSeq ORF:	1077 bp
Locus ID:	51726
UniProt ID:	Q9UBS4
Cytogenetics:	3q27.3
Domains:	Dnaj, Dnaj_C
Protein Families:	Transmembrane
Gene Summary:	This gene encodes a soluble glycoprotein of the endoplasmic reticulum (ER) lumen that functions as a co-chaperone of binding immunoglobulin protein, a 70 kilodalton heat shock protein chaperone required for the proper folding and assembly of proteins in the ER. The encoded protein contains a highly conserved J domain of about 70 amino acids with a characteristic His-Pro-Asp (HPD) motif and may regulate the activity of binding immunoglobulin protein by stimulating ATPase activity. [provided by RefSeq, Mar 2014]