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Product datasheet for SC322375

DNAJA2 (NM_005880) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJA2 (NM_005880) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNAJA2
Synonyms:	CPR3; DJ3; DJA2; DNAJ; DNJ3; HIRIP4; PRO3015; RDJ2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

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>OriGene sequence for SC322375
CCCTCGGCCTGTGCCGCCGCCGACGCCGCTTGTGGGCCCGACTCCGCTCTGTCTGCTTCG
CCACCTTCTCCCCGAGCACTGCCCGGCCGGCCGCCATGGCTAACGTGGCTGACACGAAGC
TGTACGACATCCTGGGCGTCCCGCCCGGCGCCAGCGAGAACGAGCTGAAGAAGGCATACA
GAAAGTTAGCCAAGGAATATCATCCTGATAAGAATCCAAATGCAGGAGACAAATTTAAAG
AAATAAGTTTTGCATATGAAGTACTATCAAATCCTGAGAAGCGTGAGTTATATGACAGAT
ACGGAGAGCAAGGTCTTCGGGAAGGCAGCGGCGGAGGTGGTGGCATGGATGATATTTTCT
CTCACATTTTTGGTGGGGGATTGTTCGGCTTCATGGGCAATCAGAGTAGAAGTCGAAATG
GCAGAAGAAGAGGAGAGGACATGATGCATCCACTCAAAGTATCTTTAGAAGATCTGTATA
ATGGCAAGACAACCAAACTACAACTTAGCAAGAATGTGCTCTGTAGTGCATGCAGTGGCC
AAGGCGGAAAGTCTGGAGCTGTCCAAAAGTGTAGTGCTTGTCGAGGTCGAGGTGTGCGCA
TCATGATCAGACAGCTGGCTCCAGGGATGGTACAACAGATGCAGTCTGTGTGCTCTGATT
GTAATGGAGAAGGAGAGGTAATTAATGAAAAAGACCGCTGTAAAAAATGTGAAGGGAAGA
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TTCTTTTGCTACAGGAGAAAGAACATGAGGTATTTCAGAGAGATGGGAATGATTTGCACA
TGACATATAAAATAGGACTTGTTGAAGCTCTATGTGGATTTCAGTTCACATTTAAGCACC
TTGATGGACGTCAGATTGTGGTGAAATACCCCCCTGGCAAAGTAATTGAACCAGGGTGTG
TTCGTGTAGTTCGAGGTGAAGGGATGCCGCAGTATCGTAATCCCTTTGAAAAAGGTGATC
TTTACATAAAGTTTGATGTGCAGTTTCCTGAAAACAACTGGATCAACCCAGACAAGCTTT
CTGAACTAGAAGATCTTCTGCCATCTAGACCGGAAGTTCCTAACATAATTGGAGAAACAG
AGGAGGTAGAGCTTCAGGAATTTGATAGCACTCGAGGCTCAGGAGGTGGTCAGAGGCGTG
AAGCCTATAATGATAGCTCTGATGAAGAAAGCAGCAGCCATCATGGACCTGGAGTGCAGT
GTGCCCATCAGTAAACTCTGCAAACAAATTGCACAGGTGGATTTTCTTTCCACATTTGCC
TGATTTGTTCTCAGCAATCCAGCTGGAGTGTCTTATCAATCCAGATGAACTGAGGGACAT
CTGTTGGTCTATGTATAACTTTTAAAATTGGTATAGTATCTACAGAGTGTATAATTTAAA
CTAACCACAAAGCTTTACATCTTCATTTTGACTGTTCCATAGCAGAATAAAGCACTTGAA
AGGAAACAAGACTCCCTTTCACACATGGATTATTATAAGTTTCAATCCTGGTATCTGTGC
TTGATTTTTATCAGTTTTGTGTAGATTTTTATGTTTCATATTTTAAATTTAAATCCCACA
TTGTAAAGTTTGTACAATTTGTCCTGAAGCTTTGTGTTTGGCTGCACCTGCATAAGCTGC
TACAAATAGAATAAAGAATTTCATAGCCTGTATCTATCATTTAGATGCATGGAAAAAAAT
GGGCTTTGCACACAATGGGTTTGGAGCTGACTGGGAACAATGGAAAAAATTACATTAGCT
GTGGTTGTAAAGTTTTTTTGTTTTTGGTTTTGTTTTTTTTTTCTTTTTTCTTTTTTTTTT
TTTTACCATCTTGTGAAAGGTTTCTGAAACTCGATAATAAAAAGCGGTTGGTGTAAATTA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites: Please inquire

ACCN: NM_005880

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_005880.2, NP_005871.1
RefSeq Size:	1993 bp
RefSeq ORF:	1239 bp
Locus ID:	10294
UniProt ID:	O60884
Cytogenetics:	16q11.2
Domains:	DnaJ_CXXCXGXG, DnaJ, DnaJ_C
Gene Summary:	The protein encoded by this gene belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. DNAJ proteins may have up to 3 distinct domains: a conserved 70-amino acid J domain, usually at the N terminus; a glycine/phenylalanine (G/F)-rich region; and a cysteine-rich domain containing 4 motifs resembling a zinc finger domain. The product of this gene works as a cochaperone of Hsp70s in protein folding and mitochondrial protein import in vitro. [provided by RefSeq, Jul 2008]