

Product datasheet for **SC306626**

DNAJB13 (NM_153614) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJB13 (NM_153614) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNAJB13
Synonyms:	CILD34; RSPH16A; TSARG5; TSARG6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306626 representing NM_153614. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGGGCCAGGATTATTACTCTGTGCTCGGGATCACTCGCAATTCAGAGGATGCCAGATCAAGCAGGCG
 TACCGCAGACTCGCCCTTAAGCACCAACCGTTGAAGTCAAATGAGCCGTCTTCAGCAGAGATTTTCAGG
 CAAATAGCAGAGGCCTACGACGTGCTGAGTGACCCCATGAAGAGAGGCATCTACGACAAGTTTGAGAA
 GAGGGCCTGAAGGGTGGGATTCTTTGGAGTTTGGATCCCAGACCCCATGGACAACCTGGTTACGTCTTC
 CATGGCAAACCTGAAAAGGTGTTCCACGAGTTCTTTGGTGAAACAACCCCTTCAGTGAGTTTTTGTAT
 GCAGAAGGAAGTGAGGTAGATTTGAACCTTTGGGGGCTCCAGGGCCGAGGGGTCAAGAAGCAGGACCCC
 CAAGTCGAACGGGATCTCTACCTGTCCCTGGAGGACTTATTCTTTGGCTGCACCAAAAAAATTAAGATC
 TCCAGAAGGGTGCTGAACGAGGATGGGTACTCCTCCACCATCAAGGACAAGATCCTGACCATTGATGTG
 AAGCCCGGTTGGAGGCAGGGCACACGCATCACCTTTGAGAAGGAAGGGGACCAGGGCCCCAACATCATC
 CCAGCAGACATCATTTTCATCGTAAAGGAGAAGCTACACCCTCGCTTCCGAGGGAGAATGACAACCTC
 TTCTTCGTGAACCCATCCCTCTTGGAAGGCTCTCACCTGTGCACTGTGGAGGTGAGGACCCTAGAT
 GACCGTCTGCTCAACATCCCATCAATGACATCATCACCCCAATACTCAAGAAGGTGCCAGGGGAG
 GGGATGCCATTGCCGAGGACCCCACTAAGAAAGGGATCTCTTCATCTTCTTCGACATCCAGTTCCCC
 ACCCGCTCACACCCAGAAGAAGCAGATGCTGCGCCAGGCATTGCTGACATGA**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_153614
Insert Size:	951 bp



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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:	<u>NM_153614.3</u>
RefSeq Size:	1875 bp
RefSeq ORF:	951 bp
Locus ID:	374407
UniProt ID:	<u>P59910</u>
Cytogenetics:	11q13.4
MW:	36.1 kDa
Gene Summary:	This gene encodes a member of the heat shock protein 40 co-chaperone family which is produced in large amounts in the testis and is located on the radial spokes of the axoneme in human sperm flagella and other flagellar structures. The encoded protein associates with the sperm annulus, as part of the septin complex, through direct interaction with septin 4, during sperm terminal differentiation. Naturally occurring mutations in this gene are associated with primary ciliary dyskinesia and male infertility. [provided by RefSeq, Apr 2017]