

Product datasheet for **SC306587**

DNAJB8 (NM_153330) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: DNAJB8

Synonyms: CTI56; DJ6

Vector: pCMV6 series

Fully Sequenced ORF: >NCBI ORF sequence for NM_153330, the custom clone sequence may differ by one or more nucleotides

```
ATGGCTAACTACTACGAAGTGCTGGGCGTGCAGGCCAGCGCTTCCCGGAGGACATCAAG
AAAGCCTACCGCAAGCTGGCCCTTCGTTGGCACCCGACAAGAACCCTGACAATAAGGAG
GAGGCGGAGAAGAAGTTCAAGCTGGTGTCTGAGGCCTATGAGGTTCTGTCTGACTCCAAG
AAACGCTCCCTGTATGACCGTGCTGGCTGTGACAGCTGGCGGGCTGGTGGCGGGGCCAGC
ACGCCCTACCACAGCCCTTCGACACCGGCTACACCTTCCGTAACCCTGAGGACATCTTC
CGGGAGTTTTTCGGTGGCCTGGACCTTTCTCCTTTGAGTTCTGGGACAGCCCATTCAT
AGTGACCGTGGTGGCGGGGCCATGGCCTGAGGGGGCCTTCTCGGCAGGCTTTGGAGAA
TTTCGGCCTTCATGGAGGCCTTCTCATCCTTCAACATGCTGGGCTGCAGCGGGGCCAGC
CACACCACCTTCTCATCCACCTCCTTCGGGGGCTCCAGTTCTGGCAGCTCGGGTTCAAG
TCGGTGATGTCGTCCACCGAGATGATCAATGGCCACAAGGTCAACCAAGCGCATCGTG
GAGAACGGGCAGGAGCGCGTGGAGGTGGAGGAAGACGGGCAGCTCAAGTCGGTGACTGTG
AACGGCAAGGAGCAGCTCAAATGGATGGACAGCAAGTAG
```

Restriction Sites: Please inquire

ACCN: NM_153330

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_153330.2, NP_699161.1</u>
RefSeq Size:	2479 bp
RefSeq ORF:	699 bp
Locus ID:	165721
UniProt ID:	<u>Q8NHS0</u>
Cytogenetics:	3q21.3
Gene Summary:	The protein encoded by this gene belongs to the DNAJ/HSP40 family of proteins that regulate chaperone activity. This family member suppresses aggregation and toxicity of polyglutamine proteins, and the C-terminal tail is essential for this activity. It has been implicated as a cancer-testis antigen and as a cancer stem-like cell antigen involved in renal cell carcinoma. [provided by RefSeq, Jun 2012]