

## Product datasheet for **SC115897**

### DNAJB2 (NM\_001039550) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** DNAJB2 (NM\_001039550) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** DNAJB2  
**Synonyms:** CMT2T; DSMA5; HSJ-1; HSJ1; HSPF3  
**Vector:** pCMV6-XL4  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**Cell Selection:** None  
**Fully Sequenced ORF:** >OriGene ORF within SC115897 sequence for NM\_001039550 edited (data generated by NextGen Sequencing)

```
ATGGCATCCTACTACGATCCTAGACGTGCCGGAAGTGCGTCCGCTGATGACATCAAG
AAGGCGTATCGGCGCAAGGCTCTCCAGTGGCACCCAGACAAAAACCCAGATAATAAAGAG
TTTGCTGAGAAGAAATTTAAGGAGGTGGCCGAGGCATATGAAAGTGTCTGACAAGCAC
AAGCGGGAGATTTACGACCGCTATGGCCGGGAAGGGCTGACAGGGACAGGAACTGGCCCA
TCTCGGGCAGAAGCTGGCAGTGGTGGGCTGGCTTACCTTACCTTCCGAGCCCCGAG
GAGGTCTTCCGGGAATTTTGGGAGTGGAGACCCTTTTGCAGAGCTCTTTGATGACCTG
GGCCCCCTTCTCAGAGCTTCAAGACCGGGTTCCCGACACTCAGGCCCTTCTTTACCTTC
TCTTCTCCTTCCCTGGGCACTCCGATTTCTCCTCCTCATCTTTCTCCTTCAATCCTGGG
GCTGGTGCTTTTTCGCTCTGTTTCTACATCTACCACCTTTGTCCAAGGACCCGCATCACC
ACACGCAGAATCATGGAGAACGGGACAGGAGCGGGTGAAGTGGAGGAGGATGGGCAGCTG
AAGTCAGTCACAATCAATGGTGTCCCAGATGACCTGGCACTGGGCTTGGAGCTGAGCCGT
CGCGAGCAGCAGCCGTGAGTCACTTCCAGGTCTGGGGCACTCAGGTCCAGCAGACCCCT
GCCTCATGCCCTTGGACAGCGACCTCTCTGAGGATGAGGACCTGCAGCTGGCCATGGCC
TACAGCCTGTGAGAGATGGAGGCAGCTGGGAAGAAACCCGAGATGTGTTCTGA
```

Clone variation with respect to NM\_001039550.1

**Restriction Sites:** Please inquire  
**ACCN:** NM\_001039550  
**Insert Size:** 2000 bp  
**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).



[View online »](#)

<b>OTI Annotation:</b>	A TrueClone.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001039550.1</a></u> , <u><a href="#">NP_001034639.1</a></u>
<b>RefSeq Size:</b>	1978 bp
<b>RefSeq ORF:</b>	834 bp
<b>Locus ID:</b>	3300
<b>UniProt ID:</b>	<u><a href="#">P25686</a></u>
<b>Cytogenetics:</b>	2q35
<b>Gene Summary:</b>	<p>This gene is almost exclusively expressed in the brain, mainly in the neuronal layers. It encodes a protein that shows sequence similarity to bacterial DnaJ protein and the yeast homologs. In bacteria, this protein is implicated in protein folding and protein complex dissociation. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2011]</p> <p>Transcript Variant: This variant (1) represents the predominant transcript, and encodes isoform a.</p>