

## Product datasheet for **SC125650**

### **DNAJC7 (BC033772) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	DNAJC7 (BC033772) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNAJC7
Synonyms:	DANJC7; DJ11; Dnaj (Hsp40) homolog, subfamily C, member 7; tetratricopeptide repeat domain 2; TPR2; TTC2
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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**Fully Sequenced ORF:** >OriGene sequence for BC033772 edited  
 CCACGCGTCCGGGTCGGGCGGTAAAGATGGCGGCTGCCGCGGAGTGCGATGTGGTAATGG  
 CCGCGACCCGAGCCGGAGCTGCTCGACGACCAAGAGGCGAAGAGGGAAGCAGAGACTTTCA  
 AGGAACAAGGAAATGCATACTATGCCAAGAAAGATTACAATGAAGCTTATAATTATTATA  
 CAAAAGCCATAGATATGTGTCCTAAAAATGCTAGCTATTATGGTAATCGAGCAGCCACCT  
 TGATGATGCTTGGAAAGGTTCCGGGAAGCTCTTGGAGATGCACAACAGTCAGTGAGGTTGG  
 ATGACGATTTTGTCCGGGACATCTACGAGAGGGCAAGTGCCACCTCTCTCTGGGGAATG  
 CCATGGCAGCATGTCGACGCTTCCAGAGAGCCCTAGAAGTGGATCATAAAAATGCTCAGG  
 CACAACAAGAGTTCAAGAATGCTAATGCAGTCATGGAATATGAGAAAATAGCAGAAAACAG  
 ATTTTGAGAAGCGAGATTTTCGGAAGGTTGTTTTCTGCATGGACCGTGCCCTAGAATTTG  
 CCCCTGCCTGCCATCGCTTCAAATCCTCAAGGCAGAATGTTTAGCAATGCTGGGTCGTT  
 ATCCAGAAGCACAGTCTGTGGCTAGTGACATTCTACGAATGGATTCCACCAATGCAGATG  
 CTCTGTATGTACGAGGCTTTGCCTTTATTACGAAGATTGATTGAGAAGGCAGTTCAGT  
 TTTTCGTACAGGCTCTCAGGATGGCTCCTGACCACGAGAAGGCCCTGCATTGCCTGCAGAA  
 ATGCCAAAGCACTCAAAGCAAAGAAAGAAGATGGGAATAAAGCATTAAAGGAAGGAAATT  
 ACAAACTAGCATATGAACTGTACACAGAAGCCCTGGGGATAGACCCCAACAAATATAAAAA  
 CAAATGCTAAACTCTACTGTAATCGGGGTACGGTTAATCCAAGCTTAGGAACTAGATG  
 ATGCAATAGAAGACTGCACAAATGCAGTGAAGCTTGATGACACTTACATAAAAGCCTACT  
 TGAGAAGAGCTCAGTGTTACATGGACACAGAACAGTATGAAGAAGCAGTACGAGACTATG  
 AAAAAGTATACCAGACAGAGAAAACAAAAGAACAACACAGCTCCTAAAAATGCGCAGC  
 TGGAACTGAAGAAGAGTAAGAGGAAAGATTACTACAAGATTCTAGGAGTGGACAAGAATG  
 CCTCTGAGGACGAGATCAAGAAAGCTTATCGGAAACGGGCCTTGATGCACCATCCAGATC  
 GGCATAGTGGACCAAGTCTGAGGTTTCAAGAGGAGGAGGAGAAGAAGTTCAAGGAATTG  
 GAGAGGCCTTTACTATCCTCTCTGATCCCAAGAAAAGACTCGCTATGACAGTGGACAGG  
 ACCTAGATGAGGAGGCATGAATATGGGTGATTTTGATCCAAACAATATCTTCAAGGCAT  
 TCTTTGGCGTCTGGCGGCTTCAAGCTTTGAAGCATCTGGTCCAGGGAATTTCTTTTTTC  
 AATTTGGCTAATGAAGGGCAACCCAGAACCCAGAAAATGCAGATTCACTCAGTTTAA  
 TCTTGAATGTGGAACAGTTCACCTCCTCCCTTATCACGTCCTCGTGTGCTTAGAGCAG  
 TTTTCGTTTTCTCAGTTGGATGCCCTGTCTCTGTGAGTGGGTGGAGCAAAGGGAACCA  
 ATGCCGAAGACCGAGGGCAGGGAGGGAGGGGCTGGACAGGGAGGCAGCTTGTGAAT  
 TTTTGTTTTACTGTTAACTTTATTAATAAAAAAAAAAAAAAAAAA

**5' Read Nucleotide Sequence:** >OriGene 5' read for BC033772 unedited  
 CCTCATTTGTATACCACTTATATAGGCGGACCGCGAATTCATCTGGTACCGGTCCGGAA  
 TTCCCGGATATCGTCGACCCACGCGTCCGGTCCCGCGGTAAGATGGCGGCTGCCGCG  
 GAGTGCATGTGGTAATGGCGGACCGAGCCGGAGCTGCTCGACGACCAAGAGGCGAAG  
 AGGGAAGCAGAGACTTTCAAGGAACAAGGAAATGCATACTATGCCAAGAAAGATTACAAT  
 GAAGCTTATAATTATTATACAAAAGCCATAGATATGTGTCTAAAAATGCTAGCTATTAT  
 GGTAATCGAGCAGCCACCTTGTGATGCTTGGAAAGGTTCCGGGAAGCTCTTGGAGATGCA  
 CAACAGTCAGTGAGGTTGGATGACAGTTTTGTCCGGGACATCTACGAGAGGGCAAGTGC  
 CACCTCTCTGGGGAATGCCATGGCAGCATGTCGACGCTTCCAGAGAGCCCTAGAACTG  
 GATCATAAAAAATGCTCAGGCACAACAAGAGTTCAGAATGCTAATGCAGTCATGGAATAT  
 GAGAAAATAGCAGAAACAGATTTTGAGAAGCGAGATTTTCGGAAGGTTGTTTTCTGCATG  
 GACCGTGCCCTAGAAATTTGCCCTGCCATCGCTTCAAATCCTCAAGGCAGAAATGT  
 TTAGCAATGCTGGTTCGTTATCCAGAAGCACAGTCTGTGGCTAGTGACATTCTACGAATG  
 GATTCCACCAATGCAGATGCTCTGTATGTACGAAGGCTTGCCTTTATTACGAAGATTGT  
 ATTGAGAAGGCAGTTCAGTTTTTCGTACAGGCTCTCAGGATGGCTCCTGACCACGAGAAG  
 CCCTGCATGNCTGCAGAAATGCCNAGCACTNCAAGCAAAGAAAGAAGAGGGAATTAAGCA  
 TTTNAGGAAGC

**Restriction Sites:** NotI-NotI  
**ACCN:** BC033772

<b>OTI Disclaimer:</b>	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).
<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>	<a href="#">BC033772.1</a> , <a href="#">AAH33772.1</a>
<b>RefSeq Size:</b>	1781 bp
<b>Locus ID:</b>	7266
<b>Cytogenetics:</b>	17q21.2
<b>Gene Summary:</b>	This gene encodes a member of the DNAJ heat shock protein 40 family of proteins that is characterized by two N-terminal tetratricopeptide repeat domains and a C-terminal DNAJ domain. This protein binds the chaperone proteins heat shock proteins 70 and 90 in an ATP-dependent manner and may function as a co-chaperone. Pseudogenes of this gene are found on chromosomes 1 and 6. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Oct 2009]