

Product datasheet for **SC325089**

DNAJC7 (NM_001144766) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJC7 (NM_001144766) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNAJC7
Synonyms:	DJ11; DJC7; TPR2; TTC2
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001144766, the custom clone sequence may differ by one or more nucleotides ATGTGTCCTAAAAATGCTAGCTATTATGGTAATCGAGCAGCCACCTTGATGATGCTTGGAA AGGTTCCGGGAAGCTCTTGGAGATGCACAACAGTCAGTGAGGTTGGATGACAGTTTTGTC CGGGGACATCTACGAGAGGGCAAGTGCCACCTCTCTCTGGGGAATGCCATGCCAGCATGT CGCAGCTTCCAGAGAGCCCTAGAACTGGATCATAAAAAATGCTCAGGCACAACAAGAGTTC AAGAATGCTAATGCAGTCATGGAATATGAGAAAAATAGCAGAAACAGATTTTGAGAAGCGA GATTTTCGGAAGGTTGTTTTCTGCATGGACCGTGCCCTAGAATTTGCCCTGCCTGCCAT CGCTTCAAATCCTCAAGGCAGAATGTTTAGCAATGCTGGGTCGTTATCCAGAAGCACAG TCTGTGGCTAGTGACATTCTACGAATGGATTCCACCAATGCAGATGCTCTGTATGTACGA GGTCTTTGCCTTTATTACGAAGATTGTATTGAGAAGGCAGTTCAGTTTTTCGTACAGGCT CTCAGGATGGCTCCTGACCACGAGAAGGCCTGCATTGCCTGCAGAAATGCCAAAGCACTC AAAGCAAAGAAAGAAGATGGGAATAAAGCATTTAAGGAAGGAAATTACAAACTAGCATAT GAACTGTACACAGAAGCCCTGGGGATAGACCCCAACAATATAAAAACAAAATGCTAAACTC TACTGTAATCGGGGTACGGTTAATTCCAAGCTTAGGAACTAGATGATGCAATAGAAGAC TGCACAAATGCAGTGAAGCTTGATGACACTTACATAAAAGCCTACTTGAGAAGAGCTCAG TGTTACATGGACACAGAACAGTATGAAGAAGCAGTACGAGACTATGAAAAAGTATACCAG ACAGAGAAAAACAAAAGAACACAAACAGCTCCTAAAAAATGCGCAGCTGGAAGTGAAGAAG AGTAAGAGGAAAGATTACTACAAGATTCTAGGAGTGGACAAGAATGCCTCTGAGGACGAG ATCAAGAAAGCTTATCGGAAACGGGCCTTGATGCACCATCCAGATCGGCATAGTGGAGCC AGTGCTGAGGTTGAGAAGGAGGAGAGAAGAAGTTCAAGGAAGTTGGAGAGGCCTTTACT ATCCTCTGATCCCAAGAAAAAGACTCGCTATGACAGTGGACAGGACCTAGATGAGGAG GGCATGAATATGGGTGATTTTGTCCAAACAATATCTTCAAGGCATTCTTTGGCGGTCTCT GGCGGCTCAGCTTTGAAGCATCTGGTCCAGGGAATTTCTTTTTCAATTTGGC
Restriction Sites:	Please inquire
ACCN:	NM_001144766
Insert Size:	1864 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:	NM_001144766.1 , NP_001138238.1
RefSeq Size:	1864 bp
RefSeq ORF:	1317 bp
Locus ID:	7266
UniProt ID:	Q99615
Cytogenetics:	17q21.2
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (2) is shorter at the N-terminus compared to isoform 1.</p>