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Product datasheet for SC327881

DNAJC7 (NM_003315) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJC7 (NM_003315) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNAJC7
Synonyms:	DJ11; DJC7; TPR2; TTC2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

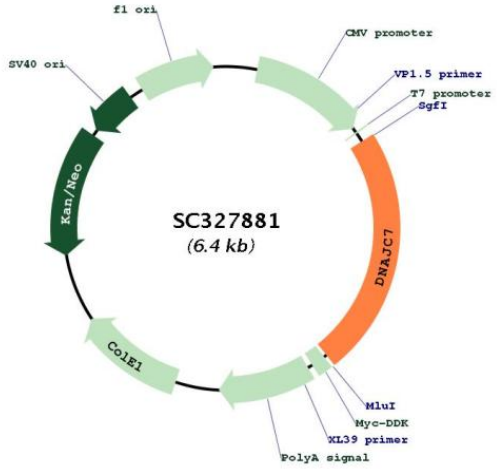
Fully Sequenced ORF:

>SC327881 representing NM_003315.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGGCTGCCGCGGAGTGCGATGTGGTAATGGCGGCGACCGAGCCGGAGCTGCTCGACGACCAAGAG
GCGAAGAGGGAAGCAGAGACTTTCAAGGAACAAGGAAATGCATACTATGCCAAGAAAGATTACAATGAA
GCTTATAATTATTATACAAAAGCCATAGATATGTGTCCTAAAAATGCTAGCTATTATGGTAATCGAGCA
GCCACCTTGATGATGCTTGGAAGGTTCCGGGAAGCTCTTGGAGATGCACAACAGTCAGTGAGGTTGGAT
GACAGTTTTGTCCGGGGACATCTACGAGAGGGCAAGTGCCACCTCTCTCTGGGGAATGCCATGGCAGCA
TGTCGCAGCTTCCAGAGAGCCCTAGAACTGGATCATAAAAATGCTCAGGCACAACAAGAGTTCAAGAAT
GCTAATGCAGTCATGGAATATGAGAAAATAGCAGAAACAGATTTTGAGAAGCGAGATTTTCGGAAGGTT
GTTTTCTGCATGGACCGTGCCCTAGAATTTGCCCCTGCCTGCCATCGCTTCAAAATCCTCAAGGCAGAA
TGTTTAGCAATGCTGGGTCGTTATCCAGAAGCACAGTCTGTGGCTAGTGACATTCTACGAATGGATTCC
ACCAATGCAGATGCTCTGTATGTACGAGGTCTTTGCCTTTATTACGAAGATTGTATTGAGAAGGCAGTT
CAGTTTTTCGTACAGGCTCTCAGGATGGCTCCTGACCACGAGAAGGCCTGCATTGCCTGCAGAAATGCC
AAAGCACTCAAAGCAAAGAAAGAAGATGGGAATAAAGCATTTAAGGAAGGAAATTACAAACTAGCATAT
GAACTGTACACAGAAGCCCTGGGGATAGACCCCAACAATATAAAAACAAATGCTAAACTCTACTGTAAT
CGGGGTACGGTTAATTCCAAGCTTAGGAAACTAGATGATGCAATAGAAGACTGCACAAATGCAGTGAAG
CTTGATGACACTTACATAAAAGCCTACTTGAGAAGAGCTCAGTGTTACATGGACACAGAACAGTATGAA
GAAGCAGTACGAGACTATGAAAAAGTATACCAGACAGAGAAAACAAAAGAACACAAACAGCTCCTAAAA
AATGCGCAGCTGGAACTGAAGAAGAGTAAGAGGAAAGATTACTACAAGATTCTAGGAGTGGACAAGAAT
GCCTCTGAGGACGAGATCAAGAAAGCTTATCGGAAACGGGCCTTGATGCACCATCCAGATCGGCATAGT
GGAGCCAGTGCTGAGGTTCAGAAGGAGGAGGAGAAGAAGTTCAAGGAAGTTGGAGAGGCCTTTACTATC
CTCTCTGATCCCAAGAAAAAGACTCGCTATGACAGTGGACAGGACCTAGATGAGGAGGGCATGAATATG
GGTGATTTTGATCCAAACAATATCTTCAAGGCATTCTTTGGCGGTCCTGGCGGCTTCAGCTTTGAAGCA
TCTGGTCCAGGGAATTTCTTTTTTCAATTTGGCTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_003315

Insert Size:	1485 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).
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.
RefSeq:	NM_003315.3
RefSeq Size:	2096 bp
RefSeq ORF:	1485 bp
Locus ID:	7266
UniProt ID:	Q99615
Cytogenetics:	17q21.2
Domains:	TPR, DnaJ
MW:	56.4 kDa
Gene Summary:	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] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).