

Product datasheet for SC309123

DNAJB7 (NM_145174) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJB7 (NM_145174) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNAJB7
Synonyms:	DJ5; HSC3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC309123 representing NM_145174. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGTGGATTACTATGAAGTTCTAGGACTGCAAAGATATGCTTCACCTGAGGACATTAAGCTTAT
 CATAAAGTGGCACTTAAATGGCACCTGATAAAATCCAGAAAATAAGAAAGCAGAGAGAAATTC
 AAAGAAGTAGCTAGGCATACGAGGTATTATCAAATGATGAGAAACGGGACATTTATGATAAATATGGC
 ACAGAAGGATTAACGGAGGTGGAAGTCATTTTGATGATGAATGTGAGTACGGCTTCACATTCATAAG
 CCAGATGATGTTTTAAAGAAATTTTCATGAAAGGGATCCATTTCTTTTCACTTCTTTGAAGACTCG
 CTTGAGGACCTGTAAATCGTCCAGGAAGCTCCTATGGAACAGAAACAGAGATGCAGGATACTTTTC
 TCCACTGCCAGTGAATATCCAATTTTGAGAAATTTTCTCATATGATACAGGATATACATCACAGGGT
 TCATTGGGGCATGAAGGCCTTACTTCTTTCTTCCCTGGCTTTTGATAATAGTGGGATGGACAACCTAC
 ATATCTGTTACAACCTCAGACAAAATCGTTAATGGCAGAAATATTAATACAAAGAAAATTATTGAAAGT
 GATCAAGAAAGAGAAGCTGAAGATAATGGAGAGTTGACATTTTCTTGTAAATAGTGTGGCCAATGAA
 GAGGGCTTTGCAAAGAATGCAGCTGGAGAACACAGTCATTCAACAACATTCACCAAATTCACAGC
 TCCAAACATGTATCTCAATATACTTCGTGGACAATGATGAGGGAGGTATATCTTGGGTACCAGCAAC
 AGAGATCCCCCTATTTTCTCAGCAGGAGTCAAAGAGGGTGGTAAGAGGAAAAAAGAAGCGTAAAGAG
 GTGCAAAAGAAGTCTACCAAAGGAATTGTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_145174
Insert Size:	930 bp


[View online »](#)

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:	<u>NM_145174.1</u>
RefSeq Size:	2578 bp
RefSeq ORF:	930 bp
Locus ID:	150353
UniProt ID:	<u>Q7Z6W7</u>
Cytogenetics:	22q13.2
Protein Families:	Druggable Genome
MW:	35.4 kDa
Gene Summary:	The protein encoded by this intronless gene belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. DNAJ proteins may have up to 3 distinct domains: a conserved 70-amino acid J domain, usually at the N terminus; a glycine/phenylalanine (G/F)-rich region; and a cysteine-rich domain containing 4 motifs resembling a zinc finger domain.[provided by RefSeq, Mar 2011]