

Product datasheet for **SC310313**

DNAJC3 (NM_006260) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJC3 (NM_006260) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNAJC3
Synonyms:	ACPHD; ERdj6; HP58; P58; p58(IPK); P58IPK; PRKRI
Mammalian Cell Selection:	Neomycin
Vector:	<u>PCMV6-Neo</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_006260 edited
 GCGAGAGCCGACGGCGGGCGGGCGCAGCTGCTGCCGAGCGCCGGCGCGTGTGGTGGG
 CACACACCTTTCTCCTCTTCACTCGCGAGCCCTCGGACATGGTGGCCCCGGCTCCGTG
 ACCAGCCGGCTGGGCTCGGTATTTCCCTTCTGCTAGTCTGGTGGATCTGCAGTACGAA
 GGTGCTGAATGTGGAGTAAATGCAGATGTTGAGAAACATCTTGAATTGGGCAAGAAATTA
 CTTGCAGCTGGACAGCTAGCTGATGCTTTATCTCAGTTTCATGCTGCCGTAGATGGTGAC
 CCTGATAACTATATTGCTTATTATCGGAGGGCTACTGTCTTTTTAGCTATGGGCAATCA
 AAAGCTGCACCTTCTGATTTAACTAAAGTGATTCAATTGAAGATGGACTTCACTGCAGCA
 AGATTACAGAGAGGTCACCTTATTACTCAAACAAGGAAAACCTTGATGAAGCAGAAGATGAT
 TTTAAAAAAGTGCTCAAATCTAATCCAAGTGAAAATGAAGAAAAGGAAGCACAGTCTCAA
 CTTATAAAATCTGATGAAATGCAGCGTTTGC GTT CACAAGCACTTAACGCTTTTGGAAAGT
 GGAGATTATACTGCTGCTATAGCCTTCTTGATAAGATTTTAGAGGTTTGTGTTGGGAT
 GCAGAACTACGGAACTTCGAGCTGAATGTTTTATAAAGAAGGAGAACCCTAGGAAAGCT
 ATAAGTGACTTAAAGCTGCGTCAAAGTTGAAGAATGATAATACTGAAGCGTTTTATAAA
 ATAAGCACACTGTACTACCAACTAGGAGACCACGAACTGTCCCTCAGTGAAGTTCGGGAA
 TGCTTAAACTTGACCAGGATCATAAAAGTGTTTTGCACACTATAAACAAGTAAAGAAA
 CTTAATAAGCTGATTGAGTCAGCTGAAGAGCTCATCAGAGATGGCAGATACACAGATGCT
 ACCAGCAAATATGAATCTGTGATGAAAACAGAGCCAAGCATTGCTGAATATACAGTTCGT
 TCAAAGGAGAGGATTTGCCACTGCTTTTCTAAGGACGAGAAGCCTGTTGAAGCTATTAGG
 GTTTGTTCTGAAGTTTTACAGATGGAACCTGACAATGTGAATGCCCTGAAAGATCGAGCA
 GAGGCCTATTTGATAGAGGAAAATGATGATGAAGCTATTCAGGATTATGAAACTGCTCAG
 GAACACAATGAAAATGATCAGCAGATTCGAGAAGGTCTAGAGAAAACACAAGATTATTG
 AAACAGTCGCAGAAACGAGATTATTATAAAATCTTGGGAGTAAAAAGAAATGCCAAAAAG
 CAAGAAATTTAAAGCATACCGAAAATTAGCACTGCAGTGCCACCCAGATAAAGTCCAG
 AATGAAGAAGAAAAGAAAAGCTGAGAAAAAGTTCAATTGATATAGCAGCTGCTAAAGAA
 GTCCTCTCTGATCCAGAAATGAGAAAGAAGTTTGACGACGGAGAAGATCCTTTGGATGCA
 GAGAGCCAGCAAGGAGGCGGGCAACCCTTTCCACAGAAGCTGGAACTCATGGCAAGGG
 TTCAATCCCTTCAGCTCAGGCGGACCATTTAGATTTAAATTCACCTTCAATTAACCAAC
 TGTTTTTTTGCAA
 AAAAAAAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_006260
- Insert Size:** 1700 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:** The ORF of this clone has been fully sequenced and found to be a perfect match to NM_006260.2.
- 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_006260.2](#), [NP_006251.1](#)

RefSeq Size: 1542 bp

RefSeq ORF: 1515 bp

Locus ID: 5611

UniProt ID: [Q13217](#)

Cytogenetics: 13q32.1

Domains: TPR, Dnaj

Gene Summary: This gene encodes a protein with multiple tetratricopeptide repeat (TPR) motifs as well as the highly conserved J domain found in DNAJ chaperone family members. It is a member of the tetratricopeptide repeat family of proteins and acts as an inhibitor of the interferon-induced, dsRNA-activated protein kinase (PKR). [provided by RefSeq, Jul 2010]