

Product datasheet for **RG208126**

DNAJC3 (NM_006260) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJC3 (NM_006260) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	DNAJC3
Synonyms:	ACPHD; ERdj6; HP58; P58; p58(IPK); P58IPK; PRKRI
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG208126 representing NM_006260
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTGGCCCCGGCTCCGTGACCAGCCGGCTGGCTCGGTATCCCTTCTCTGCTAGTCTGGTGGATC
 TGCAGTACGAAGGTGCTGAATGTGGAGTAAATGCAGATGTTGAGAAACATCTGAATTGGCAAGAAATT
 ACTTGCAGCTGGACAGCTAGCTGATGCTTTATCTCAGTTTCATGCTGCCGTAGATGGTGACCCTGATAAC
 TATATTGCTTATTATCGGAGGGCTACTGTCTTTTAGCTATGGGCAAATCAAAGCTGCACCTTCTGATT
 TAACTAAAGTGATTCAATTGAAGATGGACTTCACTGCAGCAAGATTACAGAGAGGTCACTTATTACTCAA
 ACAAGGAAAACCTTGATGAAGCAGAAGATGATTTAAAAAAGTCTCAAATCTAATCCAAGTGAAAATGAA
 GAAAAGGAAGCACAGTCTCAACTATAAAATCTGATGAAATGCAGCGTTTGCCTTACAAGCACTTAACG
 CTTTTGGAAGTGGAGATTACTGCTGCTATAGCCTTCTTGATAAGATTTAGAGGTTTGTGTTGGGA
 TGCAGAACTACGGAACTTCGAGCTGAATGTTTTATAAAGAAGGAGAACCTAGGAAAGCTATAAGTGAC
 TAAAAAGCTGCGTCAAAGTTGAAGAATGATAACTGAAGCGTTTTATAAATAAGCACACTGTACTACC
 AACTAGGAGACCAGAACTGTCCCTCAGTGAAGTTCGGGAATGTCTTAACTTGACCAGGATCATAAAG
 GTGTTTTGCACACTATAACAAGTAAAGAACTTAATAAGCTGATTGAGTCAGCTGAAGAGCTCATCAGA
 GATGGCAGATACACAGATGCTACCAGCAAATATGAATCTGTCA TGAAAACAGAGCCAAGCATTGCTGAAT
 ATACAGTTCGTTCAAAGGAGAGGATTTGCCACTGCTTTTCTAAGGACGAGAAGCCTGTTGAAGCTATTAG
 GGTTTGTCTGAAGTTTACAGATGGAACCTGACAATGTGAATGCCCTGAAAGATCGAGCAGAGGCCAT
 TTGATAGAGGAAATGTATGATGAAGCTATTCAGGATTATGAAACTGCTCAGGAACACAATGAAAATGATC
 AGCAGATTCGAGAAGGTCTAGAGAAAGCACAAAGATTATTGAAACAGTCGCAGAAACGAGATTATTATAA
 AATCTTGGGAGTAAAAAGAAATGCCAAAAAGCAAGAAATTATTAAGCATACCGAAAATTAGCACTGCAG
 TGGCACCCAGATAACTTCCAGAATGAAGAAGAAAAAGAAAAAGCTGAGAAAAAGTTCATTGATATAGCAG
 CTGCTAAAGAAGTCTCTCTGATCCAGAAATGAGAAAGAAGTTTGACGACGGAGAAGATCCTTTGGATGC
 AGAGAGCCAGCAAGGAGGCGGCCAACCCCTTCCACAGAAGCTGGAACCTCATGGCAAGGTTCAATCCC
 TTCAGCTCAGGCGGACCATTTAGATTTAAATCCACTTCAAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG208126 representing NM_006260
 Red=Cloning site Green=Tags(s)

MVAPGSVTSRLGSVFPFLLVLDLQYEGAECGVNADVEKHLELGKLLAAGQLADALSQFHAAVDGDNDN
 YIAYYRRATVFLAMGKSKAALPDLTKVIQLKMDFTAARLQRGHLKQGLDEAEDDFKKVLSNPSENE
 EKEAQSQLIKSDQMRLRSQALNAFGSGDYTAIAFLDKILEVCVWDAELRELRAECFIKEGEPKKAISD
 LKAASKLKNNDTEAFYKISTLYYQLGDHELSEVRECLKLDQDHRKCFAHYKQVKLNKLIESAELIR
 DGRYTDATSKYESVMKTEPSIAEYTVRSKERICHCFSKDEKPVVAIRVCSEVLQMEPDNVNALKDRAEAY
 LIEEMYDEAIQDYETAQEHNENDQQIREGLEKAQRLLKQSQKRDYYKILGVKRNKKQEI IKAYRKLALQ
 WHPDNFQNEEEKKAEEKFIDIAAAKEVLSPEMRKKFDDGEDPLDAESQQGGGNPFHRSWNSWQGFNP
 FSSGGPFRFKFHFN

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_006260

ORF Size: 1512 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_006260.5](#)

RefSeq Size: 1542 bp

RefSeq ORF: 1515 bp

Locus ID: 5611

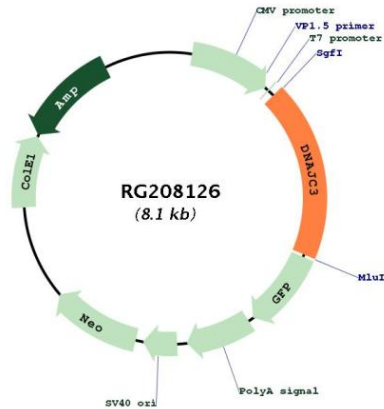
UniProt ID: [Q13217](#)

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]

Product images:



Circular map for RG208126