

Product datasheet for **RG234820**

DNAJC10 (NM_001271581) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJC10 (NM_001271581) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	DNAJC10
Synonyms:	ERdj5; JPDI; MTHr; PDIA19
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide
Sequence:**

>RG234820 representing NM_001271581
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGAGTCTGGTAAATAAAGATGACTATATCAGAGACTTGAAAAGGATCATTCTCTGTTTCTGATAG
 TGTATATGGCCATTTTAGTGGGCACAGATCAGGATTTTACAGTTTACTTGGAGTGTCCAAAACGCAAG
 CAGTAGAGAAATAAGACAAGCTTTCAAGAAATTGGCATTGAAGTTACATCCTGATAAAAAACCGAATAAC
 CCAATGCACATGGCGATTTTTTAAAAATAAATAGAGCATATGAAGTACTCAAAGATGAAGATCTACGGA
 AAAAGTATGACAAATATGGAGAAAAGGACTTGAGGATAATCAAGGTGGCCAGTATGAAAGCTGGAACATA
 TTATCGTTATGATTTTGGTATTTATGATGATGATCCTGAAATCATAACATTGGAAAAGAAGAGATTTGAT
 GCTGCTGTTAATCTGGAGAAGTGGTTTGTAAATTTTACTCCCAGGCTGTTACACTGCCATGATT
 TAGCTCCACATGGAGAGACTTTGCTAAGAAGTGGATGGTTACTTCAATTGGAGCTGTTAACTGTGG
 TGATGATAGAATGCTTTGCCGAATGAAAGGAGTCAACAGCTATCCAGCCTCTTCATTTTTCGGTCTGGA
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 GAAGTACAGTGACAGAAGTTTGGACAGGAAATTTGTCAACTCCATACAACTGCTTTTGTCTGCTGGTAT
 TGGCTGGCTGATCACTTTTTGTTCAAAGGAGGAGATTGTTTGACTTCACAGACAGACTCAGGCTTAGT
 GGCATGTTGTTTCTCACTCATTGGATGCTAAAGAAATATATTTGGAAGTAAATACATAATCTCCAGATT
 TTGAACTACTTTTCGGCAAACACACTAGAGGATCGTTTGGCTCATCATCGGTGGCTGTTATTTTTTCATT
 TGGAAAAATGAAATTCAAATGATCCTGAGCTGAAAAACTAAAACTACTTAAAAATGATCATATT
 CAAGTTGGCAGGTTTACTGTTCTCTGCACCAGACATCTGTAGTAATCTGTATGTTTTTCAGCCGCTC
 TAGCAGTATTTAAAGGACAAGGAACCAAGAATATGAAATTCATCATGGAAGAAGATTCTATATGATAT
 ACTTGCCTTTGCCAAAGAAAGTGTGAATTTCTCATGTTACCACGCTTGGACCTCAAATTTTCTGCCAAT
 GACAAAGAACCATGGCTTGTGATTTCTTTGCCCCCTGGTGTCCACCATGTCGAGCTTTACTACCAGAGT
 TACGAAGAGCATCAAATCTTCTTTATGGTCAAGTTAAGTTTGGTACACTAGATTGTACAGTTCATGAGGG
 ACTCTGTAACATGTATAACATTCAGGCTTATCCAACAACAGTGGTATTCAACCAGTCCAACATTCATGAG
 TATGAAGGACATCACTCTGCTGAACAACTTGGAGTTCATAGAGGATCTTATGAATCCTCAGTGGTCT
 CCCTTACACCCACCCTCAACGAACTAGTTACACAAAGAAAACACAACGAAGTCTGGATGGTTGATTT
 CTATTCTCCGTGGTGTATCCTTGCCAAGTCTTAATGCCAGAATGAAAAGAATGGCCCGGACATTAAC
 GGACTGATCAACGTGGGAGTATAGATTGCCAACAGTATCATTCTTTTTGTGCCAGGAAAACGTTCAA
 GATACCCTGAGATAAGATTTTTTCCCCCAAATCAAATAAAGCTTATCATTATCACAGTTACAATGGTTG
 GAATAGGGATGCTTATCCCTGAGAATCTGGGGTCTAGGATTTTTACCTCAAGTATCCACAGATCTAA
 CCTCAGACTTTCAGTAAAAAGTTCTACAAGGGAAAAATCATTGGGTGATTGATTTCTATGCTCCTTGGT
 GTGGACCTTGCCAGAATTTGCTCCAGAATTTGAGCTCTTGGCTAGGATGATTAAGGAAAAGTGAAGC
 TGGAAAAGTAGACTGTCAGGCTTATGCTCAGACATGCCAGAAAGCTGGGATCAGGGCCTATCCAAGTGT
 AAATTTTATTTCTACGAAAGAGCAAAGAGAAATTTCAAGAAGAGCAGATAAATACCAGAGATGCAAAG
 CAATCGCTGCCTAATAAGTAAAAATTGAAAACCTCCGAAATCAAGGCAAGAGGAATAAGGATGAAC
 T

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

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_001271581.3](#)

RefSeq Size: 5783 bp

RefSeq ORF: 2244 bp

Locus ID: 54431

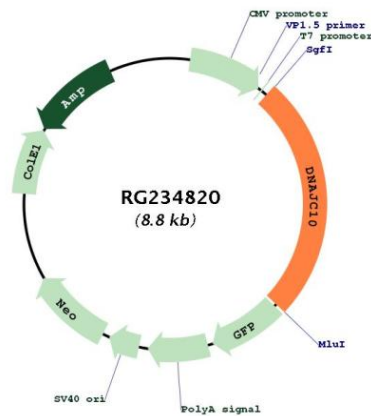
UniProt ID: [Q8IXB1](#)

Cytogenetics: 2q32.1

Protein Families: Druggable Genome, Transmembrane

Gene Summary: This gene encodes an endoplasmic reticulum co-chaperone which is part of the endoplasmic reticulum-associated degradation complex involved in recognizing and degrading misfolded proteins. The encoded protein reduces incorrect disulfide bonds in misfolded glycoproteins. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Oct 2012]

Product images:



Circular map for RG234820