

Product datasheet for **RC215630**

DNAJC9 (NM_015190) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJC9 (NM_015190) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	DNAJC9
Synonyms:	HDJC9; JDD1; SB73
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC215630 representing NM_015190 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGGGCTGCTGGACCTTTGCGAGGAAGTGTTCGGCACCGCCGACCTTTACCGGGTGTGGGCGTGCGAC
GCGAGGCCTCCGACGGCGAGGTCCGACGAGGCTACCACAAGGTGTCCCTGCAGGTACACCCGACCGGGT
GGGCGAGGGCGACAAGGAGGACGCCACCCGCCGCTTCCAGATCCTGGGAAAAGTCTATCCGTTCTCAGT
GACAGAGAACAGAGAGCAGTGTACGATGAGCAGGGAACAGTGGACGAGGACTCTCCTGTGCTCACCCAAG
ACCGAGACTGGGAGGCGTATTGGCGGCTACTCTTTAAAAAGATATCTTTAGAGGACATTCAGCTTTTGA
AAAGACATACAAAGTTTCGGAAGAAGAGCTGGCTGATATTAAGCAGGCCTATCTGGACTCAAGGTGAC
ATGGATCAGATCATGGAGTCTGTGCTTTGCGTGCAGTACACAGAGGAACCCAGGATAAGGAATATCATTC
AGCAAGCTATTGACGCCGGAGAGGTCCCATCTATAATGCCTTTGTCAAAGAATCGAAACAAAAGATGAA
TGCAAGGAAAAGGAGGGCTCAGGAAGAGGCCAAAGAAGCAGAAATGAGCAGAAAGGAGTTGGGGCTTGAT
GAAGGCGTGGATAGCCTGAAGGCAGCCATTAGAGCAGACAAAAGGATCGGCAAAAGGAAATGGACAATT
TTCTGGCTCAGATGGAAGCAAAGTACTGCAAATCTTCAAAGGAGGAGGGAAAAAATCTGCTCTCAAGAA
AGAAAAGAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC215630 representing NM_015190
Red=Cloning site Green=Tags(s)

MGLLDLCEEVFGTADLYRVLGVRREASDGEVRRGYHKVSLQVHPDRVGEQDKEDATRRFQILGKVYSVLS
 DREQRAYVDEQGTVDDESPVL TQDRDWEAYWRLLFKKISLEDIQAFEKTYKGSEELADIKQAYLDFKGD
 MDQIMESVLCVQYTEPRIRNI IQQAIDAGEVPSYNAFVKESKQKMNARKRRAQEEAKEAEMSRKELGLD
 EGVDSLKAAIQSRQKDRQKEMDNFLAQMEAKYCKSSKGGGKKSALKKKEK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8121_d02.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_015190

ORF Size: 780 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_015190.3](#), [NP_056005.1](#)

RefSeq Size: 1450 bp

RefSeq ORF: 783 bp

Locus ID: 23234

UniProt ID: [Q8WXX5](#)

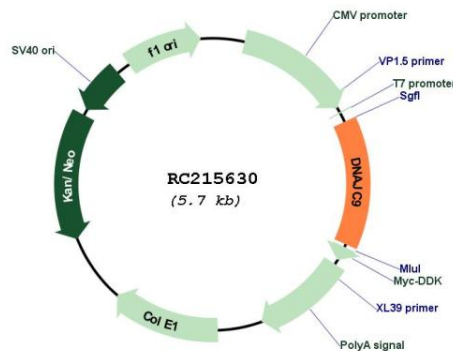
Cytogenetics: 10q22.2

Domains: Dnaj

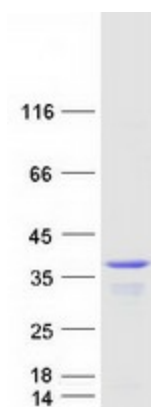
MW: 30.4 kDa

Gene Summary: May play a role as co-chaperone of the Hsp70 family proteins HSPA1A, HSPA1B and HSPA8. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC215630



Coomassie blue staining of purified DNAJC9 protein (Cat# [TP315630]). The protein was produced from HEK293T cells transfected with DNAJC9 cDNA clone (Cat# RC215630) using MegaTran 2.0 (Cat# [TT210002]).