

Product datasheet for **RC204572**

DNAJC25-GNG10 (NM_004125) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: DNAJC25-GNG10 (NM_004125) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: DNAJC25-GNG10
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC204572 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGGCGCCGCTGCTCTCTCCCGCTGGGGAGCCGGGGCTGCCGGCCGGCGCTGGTGGATGCTGCTGG
CGCCCCCTGCTGCCGGCGCTGCTGCTGGTGC GGCCCGGGGGCCCTGGTGGAGGGGCTCTACTGCCGCAC
GCGGGACTGCTACGAGGTGCTGGGCGTGAGCCGCTCGGCGGGCAAGGCGGAGATCGCGCGGGCCTACCGC
CAGCTGGCCCGGCGCTACCACCTGACCGCTACCGGCCAGCCCGGAGACGAGGGCCCCGGCGGACGC
CGCAGAGCGCCGAGGAGGCTTTCCTGCTGGTGGCAACCGCCTACGAGACTCAAGTCTCTCAGGCAGC
TGCAGAGCTTCAACAGTACTGTATGCAGAATGCCTGCAAGGATGCCCTGCTGGTGGGTGTCCAGCTGGA
AGTAACCCCTTCCGGGAGCCTAGATCCTGTGCTTTACTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC204572 protein sequence
Red=Cloning site Green=Tags(s)

MGAPLLSPGWGAGAAGRWMLLAPLLPALLLVRPAGALVEGLYCGTRDCYEVLGVRSAGKAEIARAYR
QLARRYHPDRYRPQPGDEGPRTPQSAEEAFLLVATAYETLKVSQAAELQQYCMQNACKDALLVGVVAPG
SNPFREPRSCALL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6720_g03.zip

Restriction Sites: SgfI-MluI



[View online >](#)

Cloning Scheme:


ACCN: NM_004125

ORF Size: 459 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_004125.4](#)

RefSeq Size: 1515 bp

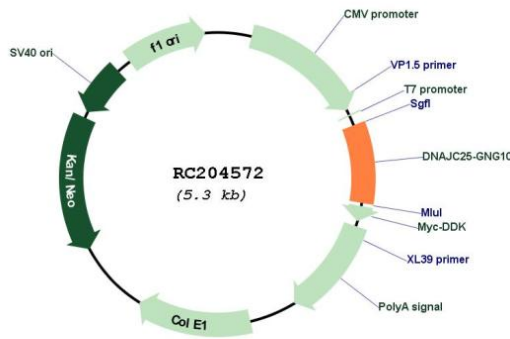
RefSeq ORF: 462 bp

Locus ID: 552891

UniProt ID: [Q9H1X3](#)

Cytogenetics: 9q31.3
Domains: DnaJ, G-gamma
Protein Families: Druggable Genome
MW: 16.5 kDa
Gene Summary: This gene represents naturally-occurring mRNAs that are co-transcribed products of the neighboring DNAJC25 and GNG10 genes. These transcripts include the first exon of DNAJC25 and the last two exons of GNG10, resulting in a protein that combines the N-terminus of DNAJC25 and the C-terminus of GNG10. [provided by RefSeq, Dec 2008]

Product images:



Circular map for RC204572