

## Product datasheet for **SC117538**

### **DNAJC25-GNG10 (NM\_004125) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	DNAJC25-GNG10 (NM_004125) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNAJC25-GNG10
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_004125, the custom clone sequence may differ by one or more nucleotides

```
ATGGGGGCGCCGCTGCTCTCTCCCGCTGGGGAGCCGGGGCTGCCGGCCGGCGCTGGTGGATGCTGCTGG  
CGCCCCTGCTGCCGGCGCTGCTGCTGGTGGCGCCCGCGGGGGCCCTGGTGGAGGGGCTCTACTGCCGCAC  
GCGGGACTGCTACGAGGTGCTGGGCGTGAGCCGCTCGGCGGGCAAGGCGGAGATCGCGCGGGCCTACCGC  
CAGCTGGCCCGGCGCTACCACCTGACCGCTACCGGCCAGCCCGGAGACGAGGGCCCCGGGCGGACGC  
CGCAGAGCGCCGAGGAGGCTTTCCTGCTGGTGGCAACCGCTACGAGACACTCAAGTCTCTCAGGCAGC  
TGCAGAGCTTCAACAGTACTGTATGCAGAATGCCTGCAAGGATGCCCTGCTGGTGGGTGTCCAGCTGGA  
AGTAACCCCTCCGGGAGCCTAGATCCTGTGCTTACTCTGA
```



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_004125 unedited  
 GTCAAAATTTGTAACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGCCAGCGCCGC  
 CGCCATGTCTCCGGGGCTAGCGCGAGCGCCCTGCAGCGCTTGGTAGAGCAGCTCAAGTT  
 GGAGGCTGGCGTGGAGAGGATCAAGGTCTCTCAGGCAGCTGCAGAGCTTCAACAGTACTG  
 TATGCAGAATGCCTGCAAGGATGCCCTGCTGGTGGGTGTTCCAGCTGGAAGTAACCCCTT  
 CCGGGAGCCTAGATCCTGTGCTTTACTCTGAAGACTCGAGAGAAGTTTGCTGAGGAATGC  
 CTTCAAGCACAAAAGTGATGAATGACTGCCTTCAAGTCTCAAGAAAACACTTTTCCCTAAC  
 TTTTAGAGATATTTAGCCCTTTCTGTGGCCTGGTCTATAGCCAAAATCACAGATATT  
 CATGAGTTTCTACTTGAGTGAGAAAACGGGTGAAGGAATAGAATTTTAAATAGTAATAA  
 CTGCTTGTTTTTTTGTGCAAGTACTTTTATACATAAGATAAAACAAAACCTTACCACCA  
 AACATACAAAATGCACCTCTTTCATAAGTGAGTTACTAAGATTCTATACCTGGAATAT  
 CATGTATGTTTCTTTACTGGATGTTTACATTTTANGAAGGAAAAAGTTCTGTTTATTT  
 AAACAACTGATACTTATAAACTGTTGTTCTGGAAGTTNNATTATNCATAAAAAATTTN  
 NGTCTTTCTCATGAATTTATAATNCCTAATGAAGACCAGAAAAGTACAAATTGCTGGGNA  
 GGAAGAATAAGNNCTTTATAATCAACTGATGTCTTGATTTTTCTAAATGGGAAGATTGCG  
 TTATTTTTTACACTTATGATGGGAAGCAGATTCTAGCAAACCTCTTTGGAAAAANTTATG  
 TTATGATGGGCATTAGGCTGCCCATCCGTATTTAAATGAACCAGATTG

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_004125 unedited  
 GAGTCGAGTTTTTTTTTTTTTTTTTAAATTAAGCAGAAATTTTATTTCCAAGCTCTTCAA  
 AGACCGTTGCAACACGAATAATGTATCCTTCTAAAAAGTGCCCAAATTAATCAAAGG  
 CACATCGTCGAAGTAAAACACTTGTGAAGTTAAGAATCTTTTANGTTGTAATTTTTCA  
 TGTTAGTTTTTAAATCATTTACAATGTTCTGTGGGTCACATTTTAAACATTTTTAAATATA  
 TGAAATCTGTATTTCTTTAAGTACAGCCACAACACTACAAAGCAGAGAAAACGTAAGAATAC  
 AAAAATCAAATCTGCTTCATTTATATACAGATGGGGCAGCCTAATGCACATCATAACAT  
 TAACTTTTCCAAAGAAGTTTGCTAAGAATCTGCTCCCATAAATAGTGTTAAAAATAAAGC  
 AATCTTTCCCATTTAGAAAAATCAAGACATCAGTTGATTTAATAAAGCCTATTCTTCCTC  
 CCCAGCAATTTGACTTTCTGGTCTTCATTTAGGAATTATAATTCATGAGAAAAGAACAA  
 ATTTTTATGGATAAATACCTTCCAGAACACAGTTTATAAGTATTAGTTGTTAATAAACC  
 GAACTATTTTCTCCTAAATGAACCTCCAGAATGAACTTCATGATTTTCCAGTTAAATC  
 TAGTAACTACTTATGAAGAGTGCCTTTTGGATGTTTGTGGAAGGTTTTTTTTTCTATTG  
 CTCAAACTTGGCCCCAAAACACACTGTTTTACTTTTAAATTTCTTCTCCCCCATGT  
 TTTACCCAGTAGAACCCACGATTCTGGGATTTGGCTATAGACCCCCCGAAAGGCTAAA  
 ATTCTTAAGTTAGGAAAGTGTCTGAATTTAAGGCCCTTCTCCTTTTGCTAAGGCCTC  
 CCACAACTTTTAGTCTTCAATATACCAGAATTAGTCCCGGAGGGTTTTCCCGTGACACA  
 CACAGGACTCTGCGGACTTTTCACAACTGGGACCTTGATGCG

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_004125

**Insert Size:**

1220 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).

**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\\_004125.1](#), [NP\\_004116.1](#)

**RefSeq Size:** 1515 bp

**RefSeq ORF:** 1515 bp

**Locus ID:** 552891

**UniProt ID:** [Q9H1X3](#)

**Cytogenetics:** 9q31.3

**Domains:** Dnaj, G-gamma

**Protein Families:** Druggable Genome

**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]