

## Product datasheet for **SC317252**

### 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:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317252 representing NM_004125. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCCGCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGGGGCGCCGCTGCTCTCTCCCGGCTGGGGAGCCGGGGCTGCCGGCCGGCGCTGGTGGATGCTGCTG
GCGCCCTGCTGCCGGCGCTGCTGCTGGTGCGGCCCGGGGGCCCTGGTGGAGGGGCTCTACTCGGGC
ACGCGGGACTGCTACGAGGTGCTGGGCGTGAGCCGCTCGCGGGCAAGCGGAGATCGCGCGGGCCTAC
CGCCAGCTGGCCCGGCGCTACCACCCTGACCGCTACCGGCCAGCCCGGAGACGAGGGCCCCGGGCGG
ACGCCGACAGCCCGAGGAGGCTTTCTGCTGGTGGCAACCCCTACGAGACTCAAGTCTCTCAG
GCAGCTGCAGAGCTTCAACAGTACTGTATGCAGAATGCCTGCAAGGATGCCCTGCTGGTGGTGTTCAG
GCTGGAAGTAACCCCTTCGGGAGCCTAGATCCTGTGCTTTACTCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-Mlul
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_004125
Insert Size:	462 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).



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<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_004125.3</a>
<b>RefSeq Size:</b>	1515 bp
<b>RefSeq ORF:</b>	462 bp
<b>Locus ID:</b>	552891
<b>UniProt ID:</b>	<a href="#">Q9H1X3</a>
<b>Cytogenetics:</b>	9q31.3
<b>Domains:</b>	Dnaj, G-gamma
<b>Protein Families:</b>	Druggable Genome
<b>MW:</b>	16.5 kDa
<b>Gene Summary:</b>	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]