

Product datasheet for **SC333065**

DNAJC10 (NM_001271581) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJC10 (NM_001271581) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNAJC10
Synonyms:	ERdj5; JPDI; MTHr; PDIA19
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC333065 representing NM_001271581.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGGAGTCTGGTTAAATAAAGATGACTATATCAGAGACTTGAAAAGGATCATTCTCTGTTTTCTGATA
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CGAAATCAAGGCAAGAGGAATAAGGATGAAGTTGA
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001271581

Insert Size: 2244 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_001271581.1](#)

RefSeq Size: 5783 bp

RefSeq ORF: 2244 bp

Locus ID: 54431

UniProt ID: [Q8IXB1](#)

Cytogenetics: 2q32.1

Protein Families: Druggable Genome, Transmembrane

MW: 86.1 kDa

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]

Transcript Variant: This variant (2) lacks an alternate in-frame exon in the coding region, compared to variant 1. The encoded isoform (2) is shorter, compared to isoform (1).