

## Product datasheet for SC105506

### DNAJC14 (BD025734) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJC14 (BD025734) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNAJC14
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BD025734, the custom clone sequence may differ by one or more nucleotides

CTCTCGTAGCTCACCCCTGGCCCCAGGCCGGGCGGCTCGAGGGGGAGGAGTTACCGCCGTTCTTCGGCATC  
AGAACACACCATGATGGCTGTGACCTAAGACCCTCAGGAAGCCCCGGGGTTCATGGCCAGAAGCACCCCCG  
GAGAAAGAGGGTTGTATGGAGCCCACCACAGTGGTGGTGCCTCCCTCAGGACTTTAGGACCCTCCGTGGA  
CCCTGAAATACCTTCATTCTCAGGACTCAGGACTCAGCAGGGACTGCTCCTAATGGTACCCGCTGCCTC  
ACAGAGCACTCTGGTCTAAGCACACACAGC

#### 5' Read Nucleotide Sequence:

>OriGene 5' read for BD025734 unedited  
NNNCGTGGAAATTTGTATACGACTCCTATAGGGCGGCCGGAATTCGCACGAGGCCCCAG  
GCCGGGCGGCTCGAGGGGGAGGAGTTACCGCCGTTCTTCGGCATCAGAACACACCATGAT  
GGCTGTGACCTAAGACCCTCAGGAAGCCCCGGGGTTCATGGCCAGAAGCACCCCCGAGAA  
AGAGGGTTGTATGGAGCCCACCACAGTGGTGGTGCCTCCCTCAGGACTTTAGGACCCTCC  
GTGGACCCTGAAATACCTTCATTCTCAGGACTCAGGACTCAGCAGGGACTGCTCCTAAT  
GGTACCCGCTGCCTCACAGAGCACTCTGGTCTAAGCACACACAGCACCCAAACCCAGCC  
CATTGGTTGGACCAAGCCATGGCCCCCAGGGGTCCAGGACCCTAGAGATGCAGAG  
GACCCTGATCAGAGTGAGACGTCTTCAAGAAGAATCAGGAGTGGACCAGGAACCTCA  
AAAGAAAACGAGACTGGGAACCAGAAGGATGGAACTCTTTTCTTTCCATTCCATCTGCT  
TGCAACTGCCAGGGAACACCTGGAATTCAGAAGGGCCTTACTCTGAGGGAGGAAATGGT  
TCTTCTAGCAACTTTTGGCCACCACTGTACCTCTCCAGCTTTGGGGGAAGATGAGTTGGAA  
GAGGAATATGATGATGAAGAATCTCTCAAGTTCACAGTATTNTTACCGTGTGTCACG  
GGAAAGAAACCCCATCCCGGAGACAGCGCACCGCTTTCCANACGAAGGAGATACTNCG  
GAGGGTGGACGTAGGGATCCCCAGTCCCTGGTTCGACATCGGCTGGTTCGAAACGAAGTC  
AGGGCAGATAGCCANAGGCCTGGGATTGTGGNGAGCCGAGGAACATNGTCACTTGGAC  
AGGNCAGCTTTTGGTGGGCTGATGACTGCTGNAC



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<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	BD025734
<b>Insert Size:</b>	3100 bp
<b>OTI Disclaimer:</b>	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).
<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>	<u><a href="#">BD025734.1</a></u>
<b>RefSeq Size:</b>	311 bp
<b>RefSeq ORF:</b>	311 bp
<b>Locus ID:</b>	85406
<b>Cytogenetics:</b>	12q13.2
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	Regulates the export of target proteins, such as DRD1, from the endoplasmic reticulum to the cell surface.[UniProtKB/Swiss-Prot Function]