

## Product datasheet for SC123601

### HCG3 (DNAJB3) (BC017590) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	HCG3 (DNAJB3) (BC017590) Human Untagged Clone
Tag:	Tag Free
Symbol:	HCG3
Synonyms:	Dnaj (Hsp40) homolog, subfamily B, member 3; HCG3; MGC26879
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for BC017590 edited  
 AGGGGGCCAGGTCTCCGAGCACTCGGGCCTGCGCCTGGGTGCTGGCAGCCTTGCCGCTC  
 GCTGTGCCAGTGCCTGGTGGGCCGTTCTGGCCATCCAGCATGGTGGACTACTACGAGGTG  
 CTGGACGTGCCCCGGCAGGCCTCATCCGAGGCCATCAAGAAGGCGTACCGCAAGCTGGCG  
 CTCAAGTGGCACCCCGACAAAAACCTGAGAACAAGGAGGAAGCGGAGAGGAGATTCAAG  
 CAGGTGGCCGAGGCCTACGAGGTGTTGTCGGACGCCAAGAAACGCGATATCTATGACCGC  
 TATGGCGAGGCGGGCGCGGAGGGCGGCTGCACAGGCGGCAGGCCCTTCGAGGACCCCTTC  
 GAGTACGTCTTCAGCTTCCGCGACCCAGCCGACGTCTTCAGGGAGTTCTTCGGCGGCCAG  
 GACCCATTCTCCTTTGACCTCTGGGAAACCCGCTGGAGAATATTTGGGGGGTCAGAG  
 GAACTGCTGGGAAGCAGAAGCAGAGCGTCTGCACCCCTTTCTCTGCCTTCAGTGAATT  
 TCCAGCTTTTGGGGGTGTTTTTCTTCTTTTGATACAGGATTTGTTTCTTTGGTCCCT  
 GGGAAAGTGGGGGCTTTCTTCTTCTGCATGTCCTACGGTAGTGATGGGACAGGCAGCTT  
 CAAGTCCATGTCGACTTCCACTGAAATAGTTGATGGTAAAAAATCACCACCAAGAGAAT  
 CATTGAGAATGGCCAAGAAAGGGTGGAAGTGGAGGAAGATGGAGAGTTGAGTTAAAGTCC  
 TTCATAATAAATAGCAAAGAGCAGTTACTCCGATTGACACCAAGTAATCCAGTCCACA  
 TTTGACTTTAAGCACATCTGGAGGAATAGCGGACTTTTTTTAGGATTGAAAGTGAACCTT  
 ACTTTCAGAACAGCTGTACCCAAGAATTTATAAACACTTCATGCCAACACCTGTTCTTAT  
 CGTTGGGACTACACGGATAGGACCTCTGTTTGTCTTTCAATCGTTGTAATAATATCTGTAT  
 GCAATTTGCTATTTATTAACCTAAGCCTGAAAAAAAAAAAAAAAAAAAA



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for BC017590 unedited GGTTTGGATTTGTATACGACTTTTATAGGCGGCCGCATAACTTCGTATAGCATACATTAT ACGAAGTTATGGATCAGGCCAAATGGGGCGAGCGCAATTCGTCGAGAGCGGAGGGGGCC CAGGTCTCCGAGCACTCGGGCTGCGCCTGGGTGCTGGCAGCCTTGCCGCTCGCTGTGCC AGTGCCTGGTGGGCCGTTCTGGCCATCCAGCATGGTGGACTACTACGAGGTGCTGGACGT GCCCCCGCAGGCCTCATCCGAGGCCATCAAGAAGCGTACCGCAAGCTGGCGCTCAAGTG GCACCCCGACAAAACCCTGAGAACAAGGAGGAAGCGGAGAGGAGATTCAAGCAGGTGGC CGAGGCTACGAGGTGTTGTCGGACGCCAAGAAACGCGATATCTATGACCGCTATGGCGA GGCGGGCGCGGAGGGCGGCTGCACAGGGCGCAGGCCCTTCGAGGACCCCTTCGAGTACGT CTTCAGCTTCCGCGACCCAGCCGACGTCTTCAGGGAGTCTTCGGCGGCCAGGACCCATT CTCCTTTGACCTTTGGGAAACCCGCTGGAGAATATTTTGGGGGGTTCAGAGGAAGTCT GGGGAAGCAGAAGCAGAGCGTCTGCACCCCTTTTCTCTGCCTTCAGTGAATTTCCAGCTT TTGGGGGTGTTTTTCTTTTCTTTGATACAGGATTCGTTCTTTGGCTCCCTGGGAGTG GGGGCCTTTCTTCTTCTGCATGTCTACGGTAGTGATGGGACAGGCAGCTTTCAATCCA TGTCGACTTCCACTGAAATAGTTGATGGGTAATAAATCCACCAAGAGGATCATTGAGG ATGGCCANAAAGGGTGGGAGTGAGGAAGATGGAGAAGTTGATTAATAATCCCTTCATAT AATAGCAAAGAGCAGTTACTCCGCAT
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	BC017590
<b>Insert Size:</b>	1071 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>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="#">BC017590.2</a> , <a href="#">AAH17590.1</a>
<b>RefSeq Size:</b>	1066 bp
<b>Locus ID:</b>	414061
<b>Cytogenetics:</b>	2q37.1
<b>Gene Summary:</b>	May operate as a co-chaperone of the male germ cell- and haploid stage-specific Hsp70 proteins.[UniProtKB/Swiss-Prot Function]