

Product datasheet for RG205526

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com

OriGene Technologies, Inc.

EU: info-de@origene.com CN: techsupport@origene.cn

HCG3 (DNAJB3) (NM_001001394) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: HCG3 (DNA|B3) (NM 001001394) Human Tagged ORF Clone

Tag: TurboGFP

Symbol: HCG3

Synonyms: HCG3

Mammalian Cell Neomycin

Selection:

Vector: pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >RG205526 representing NM_001001394
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGGTGGACTACTACGAGGTGCTGGACGTGCCCCGGCAGGCCTCATCCGAGGCCATCAAGAAGGCGTACC GCAAGCTGGCGCTCAAGTGGCACCCCGACAAAAACCCTGAGAACAAGGAGGAAGCGGAGAGAGTTCAA GCAGGTGGCCGAGGCCTACGAGGTGTTGTCGGACGCCAAGAAACGCGATATCTATGACCGCTATGGCGAG GCGGGCGCGGAGGGCGCTGCACAGGCGGAGGCCCTTCGAGGACCCCTTCGAGTACGTCTTCAGCTTCC GCGACCCAGCCGACGTCTTCAGGGAGTTCTTCGGCGGCCAGGACCCCATTCTCCTTTGACCTCTTGGGAAA CCCGCTGGAGAATATTTTGGGGGGGTCAGAGGAACTGCTGGGGAAGCAGAAGCAGAGCGTCTGCACCCCT

TTTCTCTGCCTTCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG205526 representing NM_001001394

Red=Cloning site Green=Tags(s)

MVDYYEVLDVPRQASSEAIKKAYRKLALKWHPDKNPENKEEAERRFKQVAEAYEVLSDAKKRDIYDRYGE AGAEGGCTGGRPFEDPFEYVFSFRDPADVFREFFGGQDPFSFDLLGNPLENILGGSEELLGKQKQSVCTP

FLCLQ

TRTRPLE - GFP Tag - V

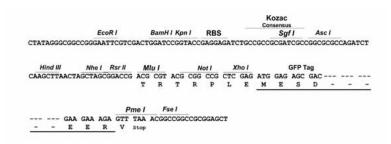
Restriction Sites: Sgfl-Mlul





Cloning Scheme:





ACCN: NM_001001394

ORF Size: 435 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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: <u>NM 001001394.2</u>, <u>NP 001001394.1</u>

RefSeq Size: 1281 bp
RefSeq ORF: 438 bp
Locus ID: 414061
UniProt ID: Q8WWF6

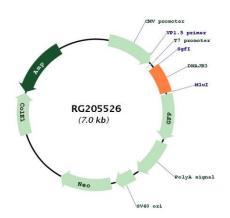


Cytogenetics: 2q37.1

Gene Summary: May operate as a co-chaperone of the male germ cell- and haploid stage-specific Hsp70

proteins.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG205526