

Product datasheet for RC228465L3

OriGene Technologies, Inc.

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CHFR (NM_001161347) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CHFR (NM_001161347) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: CHFR

Synonyms: RNF116; RNF196

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clo

Sequence:

The ORF insert of this clone is exactly the same as(RC228465).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





 $[\]ensuremath{^*}$ The last codon before the Stop codon of the ORF.

ACCN: NM_001161347

ORF Size: 1716 bp





CHFR (NM_001161347) Human Tagged Lenti ORF Clone - RC228465L3

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 001161347.1</u>, <u>NP 001154819.1</u>

12q24.33

 RefSeq ORF:
 1719 bp

 Locus ID:
 55743

 UniProt ID:
 Q96EP1

Protein Families: Druggable Genome

MW: 63.7 kDa

Cytogenetics:

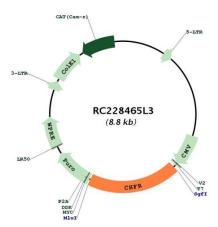
Gene Summary: This gene encodes an E3 ubiquitin-protein ligase required for the maintenance of the

antephase checkpoint that regulates cell cycle entry into mitosis and, therefore, may play a key role in cell cycle progression and tumorigenesis. The encoded protein has an N-terminal forkhead-associated domain, a central RING-finger domain, and a cysteine-rich C-terminal region. Alternatively spliced transcript variants that encode different protein isoforms have

been described. [provided by RefSeq, Mar 2014]



Product images:



Circular map for RC228465L3