

Product datasheet for RC204710L3

OriGene Technologies, Inc.

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GRO gamma (CXCL3) (NM_002090) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: GRO gamma (CXCL3) (NM 002090) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: GRO gamma

Synonyms: CINC-2b; GRO3; GROg; MIP-2b; MIP2B; SCYB3

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

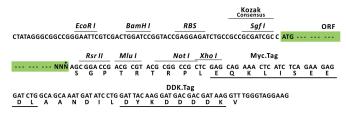
Sequence:

The ORF insert of this clone is exactly the same as(RC204710).

Restriction Sites: Sgfl-Rsrll

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_002090

ORF Size: 321 bp





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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 002090.2</u>

 RefSeq Size:
 1166 bp

 RefSeq ORF:
 324 bp

 Locus ID:
 2921

 UniProt ID:
 P19876

Cytogenetics: 4q13.3

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Chemokine signaling pathway, Cytokine-cytokine receptor interaction

MW: 11.2 kDa

Gene Summary: This antimicrobial gene encodes a member of the CXC subfamily of chemokines. The encoded

protein is a secreted growth factor that signals through the G-protein coupled receptor, CXC

receptor 2. This protein plays a role in inflammation and as a chemoattractant for

neutrophils. [provided by RefSeq, Sep 2014]