

Product datasheet for MG226849

Cxcl13 (NM 018866) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Cxcl13 (NM_018866) Mouse Tagged ORF Clone

Tag: TurboGFP

Symbol: Cxcl13

Synonyms: 4631412M08Rik; Angie; ANGIE2; BCA-1; BLC; BLR1L; Scyb13

Mammalian Cell

Selection:

Neomycin

Vector: pCMV6-AC-GFP (PS100010)

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

ORF Nucleotide >MG226849 representing NM_018866

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGAGGCTCAGCACAGCAACGCTGCTTCTCCTCCTGGCCAGCTGCCTCTCTCCAGGCCACGGTATTCTGGAGCCCATTACACAAACTTAAAATGTAGGTGTTCTGGAGTGATTTCAACTGTTGTCGGTCTAAACATCATAGATCGGATTCAAGTTACGCCCCCTGGGAATGGCTGCCCCAAAACTGAAGTTGTGATCTGGACCAAGATGAAGATATTATATGTGTGAATCCTCGTGCCAAATGGTTACAAAGATTATTAAGACATGTCCAAAGCAAAA

GTCTGTCTTCAACTCCCCAAGCTCCAGTGAGTAAGAGAAGAGCTGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG226849 representing NM_018866

Red=Cloning site Green=Tags(s)

 ${\tt MRLSTATLLLLLASCLSPGHGILEAHYTNLKCRCSGVISTVVGLNIIDRIQVTPPGNGCPKTEVVIWTKM}$

KKVICVNPRAKWLQRLLRHVQSKSLSSTPQAPVSKRRAA

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul



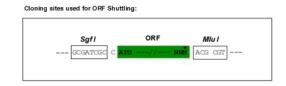
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

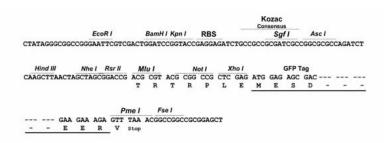
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

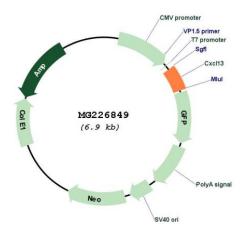


Cloning Scheme:





Plasmid Map:



ACCN: NM_018866

ORF Size: 327 bp



OTI Disclaimer:

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at customercom or by calling 301.340.3188 option 3 for pricing and delivery.

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. <u>More info</u>

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: NM 018866.2, NP 061354.1

5 E3

 RefSeq Size:
 1162 bp

 RefSeq ORF:
 330 bp

 Locus ID:
 55985

 UniProt ID:
 055038

Gene Summary:

Cytogenetics:

Strongly chemotactic for B-lymphocytes, weakly for spleen monocytes and macrophages but no chemotactic activity for granulocytes. Binds to BLR1/CXCR5. May play a role in directing the migration of B-lymphocytes to follicles in secondary lymphoid organs.[UniProtKB/Swiss-Prot Function]