

Product datasheet for **MR226849**

Cxcl13 (NM_018866) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cxcl13 (NM_018866) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cxcl13
Synonyms: 4631412M08Rik; Angie; ANGIE2; BCA-1; BLC; BLR1L; Scyb13
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR226849 representing NM_018866
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGCTCAGCACAGCAACGCTGCTTCTCCTCTGGCCAGCTGCCTCTCTCCAGGCCACGGTATTCTGG
AAGCCATTACACAACTTAAAATGTAGGTGTTCTGGAGTGATTTCAACTGTTGTCGGTCTAAACATCAT
AGATCGGATTCAAGTTACGCCCTGGGAATGGCTGCCCAAACTGAAGTTGTGATCTGGACCAAGATG
AAGAAAGTTATATGTGTGAATCCTCGTGCCAAATGGTTACAAAGATTATTAAGACATGTCCAAAGCAAAA
GTCTGTCTTCACTCCCAAGCTCCAGTGAGTAAGAGAAGAGCTGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR226849 representing NM_018866
Red=Cloning site Green=Tags(s)
MRLSTATLLLLLASCLSPGHGILEAHYTNLKCRCSGVISTVVGLNIIDRIQVTPPGNGCPKTEVVIWTKM
KKVICVNPRAKWLQRLLRHVQSKLSSTPQAPVSKRRAA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9008_d01.zip

Restriction Sites: SgfI-MluI



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Cloning Scheme:



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 custsupport@origene.com 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. [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: [NM_018866.2](#), [NP_061354.1](#)

RefSeq Size: 1162 bp

RefSeq ORF: 330 bp

Locus ID: 55985

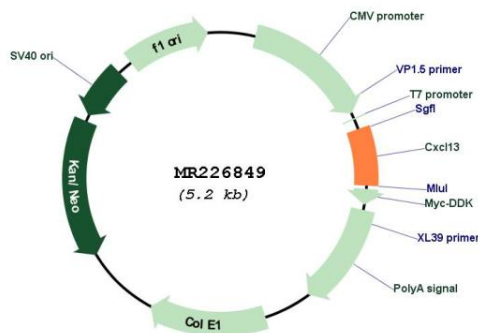
UniProt ID: [O55038](#)

Cytogenetics: 5 E3

MW: 12.4 kDa

Gene Summary: 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]

Product images:



Circular map for MR226849