Human CXCL6 (NM_002993) cDNA/ORF clone

Catalog Number: 712231-1

General Information

Gene Name:

C-X-C motif chemokine ligand 6

Official Symbol: CXCL6

Organism: Homo sapiens

RefSeq: NM_002993

Description

Sequence Description:

Identical with the Gene Bank Ref. ID sequence.

Vector: pEXP-Entry

Note: using kanamycin at 25 ug/ml, higher concentration may lead to no bacteria clones.

Restriction Sites: SgfI + MluI

Shipping carrier:

Each tube contains approximately 5 μg - 10 μg of lyophilized plasmid.

Storage:

The lyophilized plasmid can be stored at ambient temperature for three months.

Quality control:

The plasmid is confirmed by full-length sequencing with primers in the sequencing primer list.

Sequencing primer list:

T7:TAATACGACTCACTATAGG

M13 rev:CAGGAAACAGCTATGAC

Plasmid Resuspension protocol

1.Centrifuge at 5,000×g for 5 min.
2.Carefully open the tube and add 20 μl 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 to concentrate the liquid at the bottom. Speed is less than 5000×g.
5.Store the plasmid at -20 ℃.

The plasmid is ready for:

Restriction enzyme digestion; PCR amplification; E. coli transformation; DNA sequencing

E.coli strains for transformation (recommended but not limited):

Most commercially available competent cells are appropriate for the plasmid, e.g. TOP10, DH5α and TOP10F´.

Vector Information

ORFs cloned in this vector will be expressed in mammalian cellsas a tagged protein with the C-terminal Myc-FLAG tags.
Such clones are the best for detection and purification of the transgene using anti-Myc or anti-FLAG antibodies.

Physical Map of pEXP-Entry:
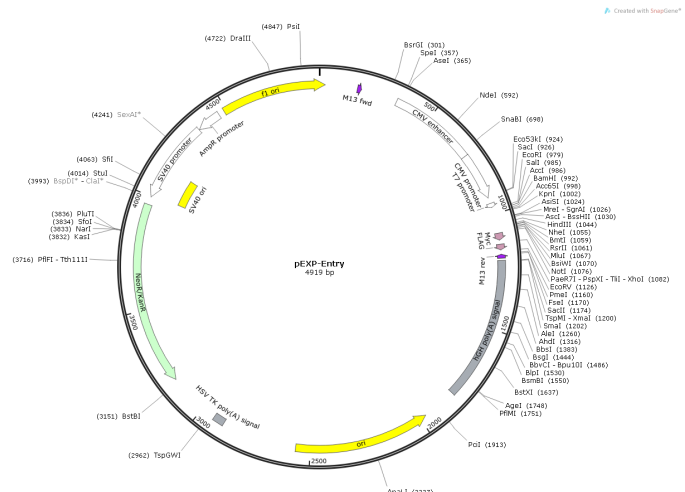
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Vector Name	pEXP-Entry	Promoter	CMV
Vector Size	4919 bp	Antibiotic Resistance	Kanamycin
Vector Type	Mammalian Expression Vector	Selection In Mammalian Cells	Neomycin
Expression Method	Constiutive, Stable / Transient	Protein Tag	Myc,FLAG