

Catalog Number: 705577-3

General Information

Gene Name:

C-X-C motif chemokine ligand 6

Official Symbol: Cxcl6

Organism: Rattus norvegicus

RefSeq: XM_017599366

Description

Sequence Description:

Identical with the Gene Bank Ref. ID sequence.

Vector: pcDNA3.1-3xFlag

Restriction Sites: HindIII + KpnI

Shipping carrier:

Each tube contains approximately 5 μ g - 10 μ g 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:TAATACGACTCACTATAGGG

BGH:TAGAAGGCACAGTCGAGG

Plasmid Resuspension protocol

1. Centrifuge at 5,000 \times g for 5 min.
2. Carefully open the tube and add 20 μ l 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 \times g.
5. Store the plasmid at -20 °C.

The plasmid is ready for:

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

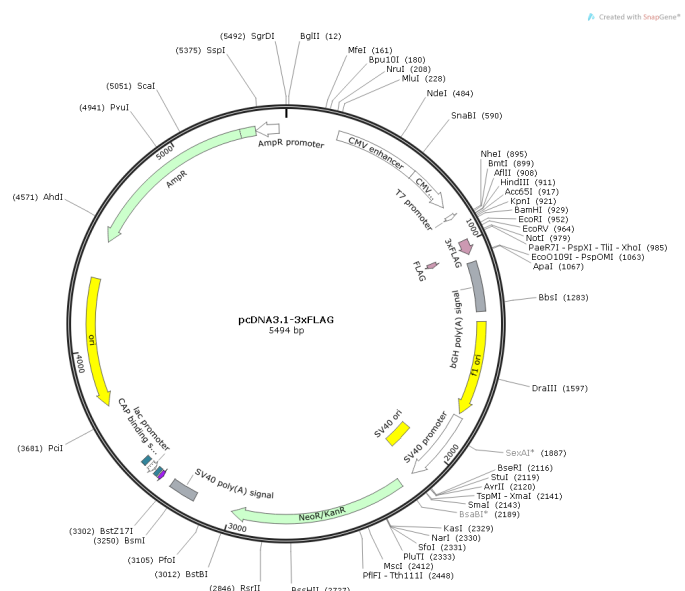
E.coli strains for transformation (recommended but not limited):

Most commercially available competent cells are appropriate for the plasmid, e.g. TOP10, DH5 α and TOP10F'.

Vector Information

Mammalian vector for expressing C-terminal 3xFlag tagged proteins.

Physical Map of pcDNA3.1-3xFlag:



Vector Name	pcDNA3.1-3xFlag
Vector Size	5508 bp
Vector Type	Mammalian Expression Vector

Rat Cxcl6 (XM_017599366) cDNA/ORF clone



Catalog Number: 705577-3

Expression Method	Constitutive, Stable / Transient	Antibiotic Resistance	Ampicillin
Promoter	CMV	Selection In Mammalian Cells	Neomycin
		Protein Tag	Flag