

# CXCL10 Knockout HeLa Cell Lysate, Homozygous

Catalog No.: RM02563

## Basic Information

### Catalog No.

RM02563

### Category

Cell Lysate

### Parental Cell line

HeLa

### Genotype

Knockout

## Gene Information

### Gene Symbol

CXCL10

### Species

Human

### Gene ID

3627

### Swiss Prot

P02778


### Synonyms

C7; IFI10; INP10; IP-10; SCYB10; crg-2;  
gIP-10; mob-1

## Contact

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## Background

This antimicrobial gene encodes a chemokine of the CXC subfamily and ligand for the receptor CXCR3. Binding of this protein to CXCR3 results in pleiotropic effects, including stimulation of monocytes, natural killer and T-cell migration, and modulation of adhesion molecule expression. [provided by RefSeq, Sep 2014]

## Product Information

### Description

CXCL10 Knockout HeLa Cell Line is engineered from HeLa cell line with Gene-Editing technology.

Allele-1:80bp deletion in exon2; Allele-2:80bp deletion in exon2

Mammalian cells such as human, rat and mouse cells are normally diploid with two alleles. Homozygote: both alleles were knocked out, mRNA has no signal, no expression of proteins. Heterozygote: only one allele was knocked out, the mRNA transcript levels was decreased compared to wild type, and the protein expression levels was also lower than that of the wild type.

### Packaging

1 vial parental cell Lysate and 1 vial knockout cell Lysate

### Shipping Conditions

4°C

### Amount

50µL, 2µg/µL.

### Storage

Lysate is stable for 12 months when stored at -20°C. Minimizing freeze-thaw cycles.

### Protocol

To be used as WB control. Lysate is supplied in 1× SDS sample buffer (2% SDS, 60 mM Tris-HCl pH 6.8, 10% Glycerol, 0.02% Bromophenol blue, 60 mM beta-mercaptoethanol). Lysate should be boiled for 3 - 5 minutes before loading onto gel.

## Sequencing data

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WT ACGCTGTACCTGCA\*\*\*\*\*GTTGAGATCATGTG  
Mut ACGCTGTACCTGCA\*\*\*Deletion\*\*\*GTTGAGATCATGTG  
Allele-1: 80bp deletion in exon2

Genome sequence analysis of PCR products from parental (WT) and CXCL10 knockout (KO) HeLa cells, using sanger sequencing.

WT ACGCTGTACCTGCA\*\*\*\*\*GTTGAGATCATGTG  
Mut ACGCTGTACCTGCA\*\*\*Deletion\*\*\*GTTGAGATCATGTG  
Allele-2: 80bp deletion in exon2