Leader in Biomolecular Solutions for Life Science

www.abclonal.com

IL11 Knockout HuH-7 Cell Lysate, Homozygous

Catalog No.: RM02395

Basic Information

Catalog No.
RM02395

Category
Cell Lysate

Parental Cell line
HuH-7

Genotype
Knockout

Gene Information

Gene Symbol
IL11

Species
Human

Gene ID
3589

Swiss Prot
P20809

Synonyms
AGIF; IL-11

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Background

The protein encoded by this gene is a member of the gp130 family of cytokines. These cytokines drive the assembly of multisubunit receptor complexes, all of which contain at least one molecule of the transmembrane signaling receptor IL6ST (gp130). This cytokine is shown to stimulate the T-cell-dependent development of immunoglobulin-producing B cells. It is also found to support the proliferation of hematopoietic stem cells and megakaryocyte progenitor cells. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jun 2012]

Product Information

Description
IL11 Knockout HuH-7 Cell Line is engineered from HuH-7 cell line with Gene-Editing technology.
Allele-1:73bp deletion in exon2
Allele-2:73bp 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℃

Amount
50μL, 2μg/μL.

Storage
Store at -20℃

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

WT ACCTGCGGCACGTG**********TGGACCGGCTGCTG
Mut ACCTGCGGCACGTG***Deletion***TGGACCGGCTGCTG
Allele-1: 73bp deletion in exon2

WT ACCTGCGGCACGTG**********TGGACCGGCTGCTG
Mut ACCTGCGGCACGTG***Deletion***TGGACCGGCTGCTG
Allele-2: 73bp deletion in exon2

Genome sequence analysis of PCR products from parental (WT) and IL11 knockout (KO) Huh-7 cells, using sanger sequencing.