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Datasheet for ABIN5711509

IL29 Protein (AA 21-200, partial) (His-SUMO Tag)

1 Image

Overview

Quantity:	100 µg
Target:	IL29
Protein Characteristics:	AA 21-200, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL29 protein is labelled with His-SUMO Tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	VPTSKPTTTG KGCHIGRFKS LSPQELASFK KARDALEESL KLKNWSCSSP VFPGNWDLRL LQVRERPVAL EAELALTLKV LEAAAGPALE DVLDQPLHTL HHILSQLQAC IQPQPTAGPR PRGRLHHWLH RLQEAPKES AGCLEASVTF NLFRLLTRDL KYVADGNLCL RTSTHPEST-
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	IL29
Alternative Name:	IFNL1 (IL29 Products)
Background:	Cytokine with antiviral, antitumour and immunomodulatory activities. Plays a critical role in the antiviral host defense, predominantly in the epithelial tissues. Acts as a ligand for the

Target Details

heterodimeric class II cytokine receptor composed of IL10RB and IFNLR1, and receptor engagent leads to the activation of the JAK/STAT signaling pathway resulting in the expression of IFN-stimulated genes (ISG), which mediate the antiviral state. Has a restricted receptor distribution and therefore restricted targets: is primarily active in epithelial cells and this cell type-selective action is because of the epithelial cell-specific expression of its receptor IFNLR1. Exerts an immunomodulatory effect by up-regulating MHC class I antigen expression.

Molecular Weight: 35.85 kDa

UniProt: [Q8IU54](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C, 4 °C, -20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.