

Datasheet for ABIN7596391

## IL-19 Protein (AA 25-177) (His tag)



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### Overview

Quantity:	500 µg
Target:	IL-19 (IL19)
Protein Characteristics:	AA 25-177
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-19 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

### Product Details

Sequence:	LRRCL ISTDMHHIEE SFQEIKRAIQ AKDTFPNVTI LSTLETQLII KPLDVCCVTK NLLAFYVDRV FKDHQEPNPK ILRKISSIAN SFLYMQKTLR QCQEQRQCHC RQEATNATRV IHDNYDQLEV HAAAIKSLGE LDVFLAWINK NHEVMFSA
Purity:	> 95% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1ug of protein (determined by LAL method)

### Target Details

Target:	IL-19 (IL19)
Alternative Name:	IL-19 ( <a href="#">IL19 Products</a> )
Background:	IL-19, also known as Interleukin-19, is a member of the IL-10 family of related cytokines, which includes IL-10, IL-19, IL-20, IL-22, IL-24 and IL-26. This protein is an immunosuppressive

## Target Details

cytokine that is responsible for both cell type-specific and system-specific down-regulation of inflammation, because it up-regulates IL-6 and TNF- $\alpha$ , and induces apoptosis through TNF- $\alpha$ . It binds a receptor complex consisting of the IL-20 receptor alpha (IL-20 R1) and the IL-20 receptor beta (IL-20 R2). This receptor complex is also shared by IL-20 and IL-24. IL-19-deficient animals was associated with reduced numbers of IL-6-producing macrophages in the inflamed colonic lamina propria. It may contribute to the pathogenesis of inflammatory bowel disease. Recombinant human IL-19, fused to His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.

Molecular Weight: 19.1 kDa (164aa)

NCBI Accession: [NP\\_037503](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.5 mg/mL

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.