

Datasheet for ABIN6700061

IL-19 Protein[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	IL-19 (IL19)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Purpose:	Human Interleukin-19 Recombinant Protein (Animal Free)
Purification:	Interleukin-19 is produced with no animal-derived raw products, animal free equipment and animal free protocols. Purity was determined to be greater than 98% as determined by reducing and non-reducing SDS-PAGE.
Purity:	98,00%
Endotoxin Level:	Measured by LAL is typically ≤ 1 EU/µg protein.
Grade:	Animal-Free
Biological Activity Comment:	The activity is determined by the activation of STAT following receptor-ligand interaction.

Target Details

Target:	IL-19 (IL19)
Alternative Name:	IL19 (IL19 Products)

Target Details

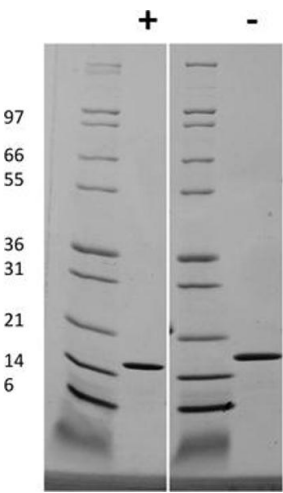
Background:	Synonyms: Melanoma differentiation associated-like protein Background: Interleukin-19 (IL-19) is a member of the IL-10 family produced by resting B cells and monocytes. IL-19 is thought to be up-regulated when monocytes are treated with GM-CSF or LPS. IL-19 shares a receptor complex with IL-20, and acts to induce IL-6 and TNF-α production by monocytes and promotes the Th2 response. Recombinant human IL-19 is a non-glycosylated protein, containing 154 amino acids, with a molecular weight of 17.9 kDa.
UniProt:	Q9UHD0

Application Details

Application Notes:	Other: User Optimized Application_Note: Interleukin-19 Recombinant Protein has been tested by SDS-PAGE and is suitable as a control for polyclonal or monoclonal anti-Interleukin-19 in immunological assays.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution_Buffer: Restore with deionized water (or equivalent) Reconstitution_Volume: 100 μL
Buffer:	Buffer: 0.1 % Trifluoroacetic acid Stabilizer: None
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at 4° C prior to restoration. Dilute only prior to immediate use. Maintain sterility. This product DOES NOT contain preservative. DO NOT VORTEX. We recommend adding a carrier protein such as HSA or BSA to 0.1% (i.e. 1.0 mg/mL). For best results aliquot contents and freeze at -20° C or colder. Avoid cycles of freezing and thawing. Centrifuge vial before each opening to dislodge contents from the cap and to clarify if contents are not clear after standing at room temperature.
Expiry Date:	6 months



SDS-PAGE

Image 1. SDS-PAGE of Human Interleukin-19 Recombinant Protein (Animal Free) SDS-PAGE of Human Interleukin-19 Animal Free Recombinant Protein. Lane 1: Molecular weight marker. Lane 2: 1 µg Human IL-19 AF in reducing conditions (+). Lane 3: Molecular weight marker. Lane 4: 1 µg Human IL-19 AF in non-reducing conditions . Human IL-19 AF has a predicted MW of 17.9 kDa.