

Bioactive

IL19 (Human) Recombinant protein

Catalog # P8789

Size 2 x 10 ug

Specification

Product Description	Human IL19 (Q9UHD0) recombinant protein expressed in <i>Escherichia Coli</i> .
Host	Escherichia coli
Theoretical MW (kDa)	17.913
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 99% by SDS-PAGE. > 99% by RP-HPLC.
Activity	The activity is determined by it's ability to activate STAT following receptor-ligand interaction.
Storage Buffer	Lyophilized from 10 mM sodium citrate, pH 5.0
Storage Instruction	Lyophilized although stable at room temperature for 3 weeks. should be stored desiccated below -20 °C. Upon reconstitution should be stored at 4°C between 2-7 days and for future use below -20°C. F or long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — IL19

Entrez GeneID [29949](#)

Protein Accession#	Q9UHD0
Gene Name	IL19
Gene Alias	IL-10C, MDA1, NG.1, ZMDA1
Gene Description	interleukin 19
Omim ID	605687
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytokine that belongs to the IL10 cytokine subfamily. This cytokine is found to be preferentially expressed in monocytes. It can bind the IL20 receptor complex and lead to the activation of the signal transducer and activator of transcription 3 (STAT3). A similar cytokine in mouse is reported to up-regulate the expression of IL6 and TNF-alpha and induce apoptosis, which suggests a role of this cytokine in inflammatory responses. Alternatively spliced transcripts encoding the distinct isoforms have been described. [provided by RefSeq]
Other Designations	melanoma differentiation associated protein-like protein

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [DNA Damage](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hepatitis B](#)

- [Hepatitis C](#)
- [Hodgkin Disease](#)
- [Infant](#)
- [Inflammation](#)
- [Leukemia](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Myeloma](#)
- [Occupational Diseases](#)
- [Panic Disorder](#)
- [Psoriasis](#)
- [Respiratory Syncytial Virus Infections](#)
- [Tobacco Use Disorder](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)