HuPro®

IL19 (Human) Recombinant protein

Catalog # P8790 Size 2 x 10 ug

Specification

Product Description	Human IL19 (Q9UHD0, 25 a.a. - 177 a.a) partial recombinant protein with His tag at C-terminal expressed in HEK293 cells.
Sequence	DGSHMLRRCL ISTDMHHIEE SFQEIKRAIQ AKDTFPNVTI LSTLETLQII KPLDVCCVTK NLLAFYV DRV FKDHQEPNPK ILRKISSIAN SFLYMQKTLR QCQEQRQCHC RQEATNATRV IHDNYDQLEV HAAAIKSLGE LDVFLAWINK NHEVMFSAHH HHHH
Host	Human
Theoretical MW (kDa)	19.1
Form	Liquid
Preparation Method	HEK 293T cell expression system
Purity	> 95% by SDS-PAGE.
Storage Buffer	In PBS, pH 7.4 and 10% glycerol
Storage Instruction	Store at 4°C for 2~4 week. For long term storage store at -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — IL19

Entrez GeneID	29949
Protein Accession#	Q9UHD0

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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 transcript variants 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

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- 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

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