
Product Data Sheet

Product Name: IL19 Human, HEK
 Cat. No.: GP26056
 Batch No.: 1

Product Data

Purity	>98%	Source	HEK293 cells.
Physical Appearance	solid	Shipping Condition	withIcePacks
Synonyms	Melanoma differentiation association like protein, MDA1, NG.1, ZMDA1, IL-10C, IL-19		
Amino Acid Sequence	DGSFMLRRCL ISTDMHHIEE SFQEIKRAIQ AKDTFPNVTI LSTLETQLQII KPLDVCCVTK NLLAFYVDRV FKDHQEPNPK ILRKISSIAN SFLYMQKTLR QCQEQRQCHC RQEATNATRV IHDNYDQLEV HAAAIKSLGE LDVFLAWINK NHEVMFSAHH HHHH		
Formulation	IL19 protein (0.5mg/ml) contains 10% glycerol and Phosphate-Buffered Saline (pH 7.4).		

Introduction

IL19 is a cytokine that belongs to the IL10 cytokine subfamily. IL-19 is found to be preferentially expressed in monocytes. IL19 binds 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.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

IL19 Human Recombinant produced in HEK293 cells is a single, glycosylated polypeptide

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

chain (a.a 25-177) containing 164 amino acids and having a molecular mass of 19.1 kDa. IL19 is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA