



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## GFM75AF Recombinant Mouse IL-19 (Animal-Free)

### Description

Interleukin-19 (IL-19) is a member of the interleukin-10 (IL-10) cytokine family and is produced by B cells and monocytes. IL-19 binds the interleukin-20 receptor complex (IL-20R) to activate STAT3 signaling. IL-19 induces interleukin-6 (IL-6) and Tumor Necrosis Factor  $\alpha$  (TNF- $\alpha$ ) expression in monocytes, and promotes T helper 2 (Th2) cell-mediated immune responses. IL-19 production is up-regulated in resting monocytes following Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF) or lipopolysaccharide (LPS) stimulation.

This product is produced with no animal derived raw products. All processing and handling employs animal free equipment and animal free protocols.

<b>Length</b>	153 aa
<b>Molecular Weight</b>	17.7 kDa
<b>Source</b>	E. coli
<b>Accession Number</b>	Q8CJ70
<b>Purity</b>	$\geq$ 95% determined by reducing and non-reducing SDS-PAGE

### Specifications

<b>Alternative Names</b>	Interleukin-19, interleukin 19, IL19, IL 19, melanoma differentiation associated-like protein
<b>Biological Activity</b>	Activity to be determined.
<b>Endotoxin Level</b>	$\leq$ 1.00 EU/ $\mu$ g as measured by kinetic LAL
<b>Formulation</b>	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, 50 mM sodium chloride, pH 7.5
<b>AA Sequence</b>	MLRRCLISVD MRLIEKSFHE IKRAMQTKDT FKNVTILSLE NLRSIKPGDV CCMTNNLLTF YRDRVFQDHQ ERSLEVLRRRI SSIANSFLCV QKSLERCQVH RQCNCSEQEAT NATRIIHDNY NQLEVSSAAL KSLGELNILL AWIDRNHLET PAA

### Preparation and Storage

<b>Reconstitution</b>	Centrifuge vial before opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile water at 0.1 mg/ml, which can be further diluted into other aqueous solutions.
<b>Stability and Storage</b>	12 months from date of receipt when stored at -20°C to -80°C as supplied. 1 month when stored at 4°C after reconstituting as directed. 3 months when stored at -20°C to -80°C after reconstituting as directed.