

## GFM44

Recombinant Mouse MIP-3  $\beta$  / CCL19

## Description

Macrophage Inflammatory Protein 3  $\beta$  (MIP-3  $\beta$ ), also known as CCL19, is a chemokine that is expressed in the thymus, lymph nodes, and activated bone marrow stromal cells. MIP-3  $\beta$  signals through the G protein-coupled receptor CCR7 to regulate normal lymphocyte recirculation. MIP-3  $\beta$  also functions during T cell trafficking to the thymus, and in T cell and B cell homing to the lymph nodes and secondary lymphoid organs. Human MIP-3  $\beta$  shows activity on mouse cells.

<b>Length</b>	83 aa
<b>Molecular Weight</b>	9.2 kDa
<b>Source</b>	E. coli
<b>Accession Number</b>	Q548P0
<b>Purity</b>	≥95% determined by reducing and non-reducing SDS-PAGE

## Specifications

<b>Alternative Names</b>	Macrophage Inflammatory Protein 3 $\beta$ , MIP-3- $\beta$ , MIP3, CCL19, SCYA19, ELC, Exodus-3
<b>Biological Activity</b>	Activity to be determined.
<b>Endotoxin Level</b>	≤1.00 EU/ $\mu$ g as measured by kinetic LAL
<b>Formulation</b>	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
<b>AA Sequence</b>	GANDAEDCCL SVTQRPIPGN IVKAFRYLLN EDGCRVPAVV FTTLRGYQLC APPDQPWVDR IIRRLKKSSA KNKGNSTRRS PVS

## 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.