Rev03
Update: Dec,14,2021

DATASHEET

MIP-3β/CCL19, Mouse

Cat. No.: Z02903

Product Introduction

Species	Mouse
Protein Construction	MIP-3β (Gly26-Ser108) Accession # O70460
Purity	> 97% as analyzed by SDS-PAGE > 97% as analyzed by HPLC
Endotoxin Level	< 1 EU/μg of protein by LAL method
Biological Activity	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human mature dendritic cells is in a concentration range of 10.0-100.0 ng/ml.
Expression System	E. coli
Theoretical Molecular Weight	9.2 kDa
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS, pH 7.4.
Reconstitution	It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/ml.
Storage & Stability	Upon receiving, this product remains stable for up to 6 months at -70°C or -20°C. Upon reconstitution, the product should be stable for up to 1 week at 4°C or up to 3 months at -20°C. Avoid repeated freeze-thaw cycles.

Background

Target Background : Chemokine (C-C motif) ligand 19 (CCL19) is a small cytokine belonging to the CC chemokine family that is also known as EBI1 ligand chemokine (ELC) and macrophage inflammatory protein-3-beta (MIP-3-beta). It binds specifically to the chemokine receptor CCR7 / EBI1 / BLR2. CCL19 is expressed abundantly in thymus, lymph nodes and in activated bone marrow stromal cells. It attracts certain cells of the immune system, including dendritic cells and antigen-engaged B cells, CCR7+ central-memory T-Cells.

Synonyms : CCL-19; CKb11; ELC; MIP-3b; MIP3B; SCYA19; C-C motif chemokine ligand 19

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

GenScript USA, Inc.
860 Centennial Ave. Piscataway, NJ 08854
Tel: 1-732-885-9188