

Overview

Synonyms	CCL19 Murine; MIP-3 ² Murine
Description	Macrophage Inflammatory Protein-3 beta also called CCL19, ELC (EBI1 Ligand Chemokine), Exodus-3 is a reported ² chemokine that binds specifically to the chemokine receptor CCR7 / EBI1 / BLR2. It is expressed in the thymus, lymph nodes and in activated bone marrow stromal cells. MIP-3 beta is a chemoattractant for T and B lymphocytes and myeloid progenitor cells.
Species	Mouse
Source	<i>E. coli</i>
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 10-100 ng/ml.
Sequence	GANDAEDCCL SVTQRPIPGN IVKAFRYLLN EDGCRVPAVV FTTLRGYQLC APPDQPWVDR IIRRLKSSA KNKGNSTRRS PVS

Properties

Measured Molecular Weight	Approximately 9.2 kDa, a single non-glycosylated polypeptide chain containing 83 amino acids.
Purity	> 97 % by SDS-PAGE and HPLC analyses.
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at d -20 °C. Further dilutions should be made in appropriate buffered solutions.
Endotoxin Level	Less than 1 EU/µg of rMuMIP-3 ² /CCL19 as determined by LAL method.
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Storage	This lyophilized preparation is stable at 2-8 °C, but should be kept at -20 °C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8 °C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20 °C to -70 °C. Avoid repeated freeze/thaw cycles.

India Contact:

Life Technologies (India) Pvt. Ltd.

306, Aggarwal City Mall, Opposite M2K Pitampura,
Delhi – 110034 (INDIA).

Mobile: +91-9810521400, Ph: +91-11-42208000

Email: customerservice@lifetechindia.com

Web: www.lifetechindia.com