MIP-3beta Murine E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Murine
Other names: Macrophage Inflammatory Protein-3?, CCL19, ELC, Exodus-3

Cat. No.:

RBG20104005	(5 µg)
RBG20104020	(20 µg)
RBG20104100	(100 µg)

Description

MIP-3beta is a CC chemokine, expressed in the thymus, lymph nodes, and in activated bone marrow stromal cells that signals through the CCR7 receptor. MIP-3beta is a chemoattractant for T and B lymphocytes, and myeloid progenitor cells. Human MIP-3beta is active on murine cells. Recombinant Murine MIP-3beta is a 9.2 kDa protein containing 83 amino acid residues, including the four highly conserved cysteine residues present in CC chemokines.

Research topic

Chemokines, Cytokines and chemokines and related molecules

Amino Acid Sequence

GANDAEDCCL SVTQRPIPGN IVKAFRYLLN EDGCRVPAVV FTTLRGYQLC APPDQPWVDR IIRRLKKSSA KNKGNSTRRS PVS

Source

E. coli

Purity

98%

Biological Activity

Determined by its ability to chemoattract human mature dendritic cells using a concentration range of 10.0-100.0 ng/ml.

Endotoxin

Endotoxin level is <0.1 ng/µg of protein (<1EU/µg).

Reconstitution

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

Storage, Stability/Shelf Life

-20°C

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