

## MIP-3beta Human E. coli

### Product Data Sheet

<b>Type:</b> Recombinant	<b>Cat. No.:</b>	
<b>Source:</b> E. coli	RBG10228005	(5 µg)
<b>Species:</b> Human	RBG10228020	(20 µg)
<b>Other names:</b> Macrophage Inflammatory Protein-3?, CCL19, ELC, Exodus-3	RBG10228100	(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 Human MIP-3beta is an 8.8 kDa protein containing 77 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

GTNDAEDCCL SVTQKPIPGY IVRNFHYLLI KDGCRVPAVV FTTLRGRQLC APPDQPWVER IIQRLQRTSA KMKRRSS

### Source

E. coli

### Purity

98%

### Biological Activity

Determined by its ability to chemoattract human T cells using a concentration of 10.0-50.0 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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