

Product: Macrophage Inflammatory Protein-3 beta (CCL19), Murine, Recombinant
Catalog #: 11-MIP-3BM
Amount: 5 µg

DESCRIPTION: Recombinant Murine MIP-3Beta produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 83 amino acids and having a molecular mass of 9216 Dalton. rmMIP-3beta is purified by proprietary chromatographic techniques.
The sequence of the first five N-terminal amino acids was determined and was found to be, Gly-Ala-Asn-Asp-Ala.

SOURCE: *Escherichia coli* expression system

MOLECULAR WEIGHT: 8.8 kDa

PURITY: > 99.0% as determined by:
(a) Analysis by RP-HPLC.
(b) Anion-exchange FPLC.
(c) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel.

ENDOTOXIN: Less than 0.1 ng/µg (IEU/µg) of rmMIP-3Beta.

DIMERS & AGGREGATES: Less than 1% as determined by silver-stained SDS-PAGE gel analysis.

PROTEIN CONTENT: Protein quantitation was carried out by two independent methods:
1. UV spectroscopy at 280 nm.
2. Analysis by RP-HPLC, using a calibrated solution of MIP-3Beta as a Reference Standard.

FORM: Purified.

CONCENTRATION: 0.1 mg/ml

STORAGE: -20°C (aliquot), avoid freezing and thawing cycles

BIOLOGICAL ACTIVITY: rmMIP-3Beta is fully biologically active when compared to standard. The Activity is calculated by the ability to chemoattract Human mature dendritic cells using a concentration of 10-100 ng/ml.

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