

MIP-1 β
Catalog # PVGS1485**Specification**

MIP-1 β - Product Information**Sequence**

Ala²⁴-Asn⁹² (Accession #: P13236.1)

Purity

> 95% as analyzed by SDS-PAGE and HPLC.

Endotoxin Level

< 0.2 EU/ μ g, determined by LAL method.

Formulation

Lyophilized after extensive dialysis against PBS.

Reconstitution

Reconstituted in ddH₂O or PBS at 100 μ g/ml.

MIP-1 β - Additional Information**Target Background**

Macrophage inflammatory protein 1 beta (MIP-1 β), also known as Chemokine (C-C motif) ligand 4 (CCL4), is a small cytokine belonging to the CC chemokine family. It is a chemo attractant for natural killer cells, monocytes and a variety of other immune cells. MIP-1 β is a major HIV-suppressive factor produced by CD8+ T cells. Perforin-low memory CD8+ T cells are the most common T-cells that normally synthesize MIP-1-beta in humans. MIP-1 β has been shown to interact with CCL3. It can signal through the CCR5 receptor. **Recombinant MIP-1 beta/CCL4** produced in CHO is a polypeptide chain containing 69 amino acids. A fully biologically active molecule, rhMIP-1 beta/CCL4 has a molecular mass of 10-19 kDa analyzed by reducing SDS-PAGE and is obtained by chromatographic techniques at .

MIP-1 β - Protein Information**MIP-1 β - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)

- [Cell Culture](#)

MIP-1 β - Images