

Human MIP-3 beta / CCL19

Synonyms: Small inducible cytokine A19, CCL19, Macrophage inflammatory protein 3 beta, MIP-3- beta, EB11-ligand chemokine, ELC, Beta chemokine exodus-3, CK beta-11, chemokine (C-C motif) ligand 19, CKb11, MIP3B, MIP-3b, SCYA19, MGC34433.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
5 µg	4635.950.005		
20 µg	4635.950.020		
1 mg	4635.950.199		

Please enquire for bulk quantities and other vial sizes

Description

Macrophage Inflammatory Protein-3 beta Human Recombinant produced in *E.Coli* is a single, non-glycosylated, polypeptide chain containing 77 amino acids and having a molecular mass of 8.8kDa.

- **Source** *E. Coli*
- **Purity** ≥ 98 % (SDS-PAGE, RP-HPLC)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** Lyophilized without any additives*
- **Physical state** Sterile filtered, lyophilized

Biological Activity

The Activity of CCL19 is calculated by the ability to chemoattract Human T cells using a concentration of 7-40ng/ml corresponding to a Specific Activity of 25,000-143,000IU/mg.

Reconstitution

We recommend a quick spin followed by reconstitution in sterile water to a concentration of at least 100 µg/ml, which can then be further diluted to other aqueous solutions. Do not vortex.

Stability

Lyophilized MIP-3b although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CCL19 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

GTNDAEDCCL SVTQKPIPGY IVRNPHYLLI KDGCRVPAVV FTTLRGRQLC APPDQPWVER IIQRLQRTSA
KMKRRSS

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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