

Human MIP-5 /CCL15 (truncated, increased activity, 68aa)

Synonyms: Small inducible cytokine A15 precursor, CCL15, Macrophage inflammatory protein 5, MIP-5, MIP5, Chemokine CC-2, HCC-2, NCC-3, MIP- 1 delta, Leukotactin-1, LKN-1, Mrp-2b, C-C motif chemokine 15.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
5 µg	4651.950.005		
25 µg	4651.950.025		
1 mg	4651.950.199		

Please enquire for bulk quantities and other vial sizes

Description

Macrophage Inflammatory Protein-5 Human Recombinant produced in *E.Coli* is a single, non-glycosylated, polypeptide chain containing 68 amino acids and having a molecular mass of 7.4kDa.

- **Source** *E. Coli*
- **Purity** ≥ 97 % (SDS-PAGE, RP-HPLC)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** MIP5 was lyophilized from a 0.2µm filtered concentrated solution containing PBS, pH-7.4*
- **Physical state** Sterile filtered, lyophilized

Biological Activity

Measured by its ability to chemoattract THP-1 human acute monocytic leukemia cells. The ED₅₀ for this effect is typically 2-4ng/ml.

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-5 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CCL15 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

SFHFAADCCT SYISQSIPCS LMKSYFETSS ECKSPGVIFL TTKGRQVCAK PSGPGVQDCM KKLKPYSI

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.

ORDERING
Tel.: +49 40 43208448-0
order@active-bioscience.de
www.active-bioscience.de

TECHNICAL SUPPORT
Tel.: +49 40 43208448-11
support@active-bioscience.de

Active Bioscience GmbH
Oberaltenallee 8
D-22081 Hamburg
HRB 98170 Amtsgericht Hamburg