



Murine MIP-1 gamma

Synonyms: CCL9/10, MRP2, CCF18.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
5 µg	4620.950.005		
20 µg	4620.950.020		
1 mg	4620.950.199		

Please enquire for bulk quantities and other vial sizes.

Description

MIP-1 gamma Murine Recombinant produced in *E. Coli* is a single, non-glycosylated, polypeptide chain containing 101 amino acids and having a molecular mass of 11.6 kDa.

- **Source** *E. coli*
- **Purity** ≥ 97 % (SDS-PAGE, RP-HPLC)
- **Endotoxin Level** ≤ 0.1 ng/µg (≤ 1 EU/µg)
- **Buffer** The MIP-1 gamma was lyophilized from 1 xPBS solution pH -7.4*
- **Physical State** Sterile filtered, lyophilized

Biological Activity

Defined by its ability to chemoattract human neutrophils using a concentration range of 0.1-10 ng/ml, corresponding to a Specific Activity of 10,000-100,000IU/mg.

Reconstitution

It is recommended to reconstitute the lyophilized MIP-1 gamma in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability

Lyophilized MIP-1 gamma although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CCL9/10 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, order number: 2835.955.xyz or 2835.958.xyz, or BSA, order number: 2835.919.xyz). **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

QITHATETKE VQSSLKAQQG LEIEMFHMGF QDSSDCCLSY NSRIQCSRFI GYFPTSGGCT RPGIIFISKR
 GFQVCANPSD RRVQRCIERL EQNSQPRTYK Q

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.