

Recombinant Rat MIP1-alpha

Catalog No.	CRM402A CRM402B CRM402C	Quantity:	5 µg 20 µg 1.0 mg
Alternate Names:	Macrophage Inflammatory Protein 1-alpha, CCL3, L2G25B, LD78-alpha, MIP1A, MIP-1-alpha, SCI, SCYA3, SIS-beta, TY5		
Description:	Recombinant rat Macrophage Inflammatory Protein 1-alpha is a single, non-glycosylated polypeptide chain containing 69 amino acids.		
GeneID:	25542		
Protein Accession No:	NP_037157		
Source:	<i>E. coli</i>		
Molecular Weight:	7.853 kDa		
Formulation:	Lyophilized from a sterile filtered solution without additives		
Purity:	> 95% as determined by SDS-PAGE and RP-HPLC analyses		
Endotoxin Level:	< 0.1 ng/µg of MIP1-alpha		
Biological Activity:	Determined by its ability to chemoattract rat peritoneal macrophages using a concentration of 60 ng/ml.		
Amino Acid Sequence:	The sequence of the first five N-terminal amino acids is Ala-Pro-Tyr-Gly-Ala.		
Reconstitution:	Centrifuge vial prior to opening. First add sterile distilled water to the vial to fully solubilize the protein to a concentration not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.		
Storage & Stability:	Store lyophilized protein at -20°C to -80°C. Reconstituted protein is stable for 1 week at 2-4°C. For long term storage, aliquot and store at -20°C to -80°C with a carrier protein (0.1% HSA or BSA) as a stabilizer. Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.		

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