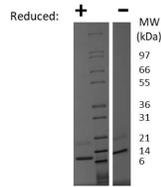


CCL19

Recombinant Human MIP-3 beta / CCL19

Catalog No.	CRM409A CRM409B CRM409C CRM409D	Quantity:	5 µg 20 µg 1.0 mg 100 µg
Alternate Names:	C-C motif chemokine 19, CCL19, CK beta-11, MIP-3 beta, small-inducible cytokine A19, SCYA19, Epstein-Barr virus-induced molecule 1 ligand chemokine, ELC		
Description:	Macrophage Inflammatory Protein-3 beta (MIP-3β), also called CCL19, is a chemokine that is expressed in the thymus, lymph nodes and activated bone marrow stromal cells. MIP-3β signals through the G protein-coupled receptor, CCR7, to regulate normal lymphocyte recirculation and homing of T and B cells to the lymph nodes. Human MIP-3β shows activity on mouse cells.		
UniProt ID:	Q99731		
Gene ID:	6363		
Source:	<i>E. coli</i>		
Molecular Weight:	8.8 kDa (77 aa)		
Formulation:	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)		
Purity:	≥ 95%, determined by reducing and non-reducing SDS-PAGE		
Endotoxin Level:	≤1 EU/µg by kinetic LAL		
Biological Activity:	This product demonstrates activity in a primary T cell chemotaxis bioassay.		
Amino Acid Sequence:	GTNDAEDCCL SVTQKPIPGY IVRNHYLLI KDGCRVPAVV FTTLRGRQLC APPDQPWVER IIQRLQRTSA KMKRRSS		
Reconstitution:	Centrifuge vial prior to opening. Add sterile water to the vial to fully solubilize the protein to a concentration of 100 µg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.		
Storage & Stability:	Store as supplied at -20°C to -80°C. Reconstituted protein is stable for 1 week at 2-8°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. Avoid repeated freeze-thaw cycles.		





Human MIP-3 beta / CCL19 Gel

Figure: 1 ug run under (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Human MIP-3 beta / CCL19 is predicted to have a MW of 8.8 kDa.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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