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Scya19
Recombinant Mouse MIP-3 beta / CCL19

Catalog No.	CRM432A	**Quantity:**	5 µg
	CRM432B		100 µg
	CRM432C		1 mg

Alternate Names: C-C motif chemokine, CCL19, SCYA19, ELC, Exodus-3, macrophage inflammatory protein 3 beta

Description: Macrophage inflammatory protein-3 beta (MIP-3 β), also called CCL19, is a chemokine that is expressed in the thymus, lymph nodes, and activated bone marrow stromal cells. MIP-3 β signals through the G protein-coupled receptor CCR7 to regulate normal lymphocyte recirculation. MIP-3 β also functions during T cell trafficking to the thymus, and in T cell and B cell homing to the lymph nodes and secondary lymphoid organs.

Gene ID: 24047

UniProt ID: Q548P0

Source: *E. coli*

Molecular Weight: Monomer, 9.2 kDa (83 aa)

Formulation: Lyophilized from a sterile-filtered solution containing 0.1% Trifluoroacetic Acid (TFA)

Purity: ≥95% by reducing and non-reducing SDS-PAGE

Endotoxin Level: ≤1 EU/µg by kinetic LAL analysis

Amino Acid Sequence: GANDAEDCCL SVTQRPIPGN IVKAFRYLLN EDGCRVPAVV FTTLRGYQLC APPDQPWVDR IIRRLKKSSA KNKGNSTRRS PVS

Reconstitution: **Centrifuge vial prior to opening.** Add sterile distilled water to reconstitute to a recommended concentration of 0.1 mg/mL and gently pipet solution up and down sides of vial. **DO NOT VORTEX**. Allow several minutes for reconstitution. A small amount of precipitate may be seen.

Storage & Stability: **Upon receipt**, store as supplied at -20°C to -80°C for up to 1 year. **Upon reconstitution**, the preparation is stable for up to one month at 2-8°C. **For long term storage**, reconstitute in working aliquots in 0.1% BSA solution and store at -80°C. **Avoid repeated freeze-thaw cycles.**

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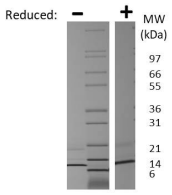

Mouse MIP-3 beta / CCL19 Gel
Figure: 1 ug run under (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Mouse MIP-3 beta / CCL19 is a monomer with a predicted MW of 9.2 kDa.

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

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