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32-12255: Human Macrophage Inflammatory Protein-3 beta (CCL19)

Gene :	CCL19
Gene ID :	6363
Uniprot ID :	Q99731
Alternative Name :	C-C motif chemokine 19, Beta-chemokine exodus-3, Epstein-Barr virus-induced molecule 1 ligand chemokine, Macrophage inflammatory protein 3 beta

Description

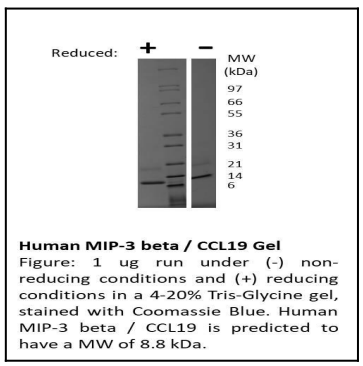
Source: Genetically modified E.coli.
Predicted MW:Â Monomer, 8.8 kDa (77 aa)
Macrophage inflammatory protein-3 beta (MIP-3 beta), also called CCL19, is a chemokine that is expressed in the thymus, lymph nodes, and activated bone marrow stromal cells. MIP-3 beta signals through the G protein-coupled receptor CCR7 to regulate normal lymphocyte recirculation. MIP-3 beta 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. Human MIP-3 beta shows activity on mouse cells.

Product Info

Amount :	20 µg / 100 µg
Purification :	Reducing and Non-Reducing SDS PAGE at >= 95%
Content :	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA) Sterile water at 0.1 mg/mL
Storage condition :	Store at -20°C
Amino Acid :	GTNDAEDCCL SVTQKPIPGY IVRNFHYLLI KDGCRVPAVV FTTLRGRQLC APPDQPWVER IIQRLQRTSA KMKRRSS

Application Note

Endotoxin: Less than 0.1 ng/Ã‚Âµg (1 IEU/Ã‚Âµg) as determined by LAL test.
Biological Activity was determined by Bioactive protein. Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80Ã‚Â°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialed to compensate for this loss.



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.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.