9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-12256: Mouse Macrophage Inflammatory Protein-3 beta (CCL19)

Gene :	Scya19
Gene ID :	100039053
Uniprot ID :	Q548P0
Alternative Name :	C-C motif chemokine

Description

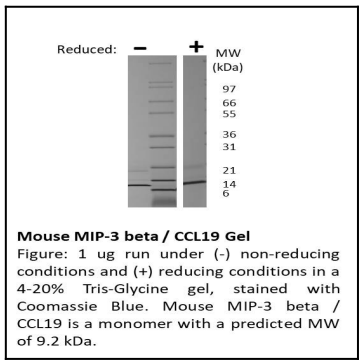
Source: Genetically modified E.coli.
Predicted MW:Â Monomer, 9.2 kDa (83 aa)
Macrophage inflammatory protein-3 beta (MIP-3 beta), also called CCL19, is a chemokine that is expressed in the thymus, lymph nodes, and activated bone marrow stromal cells. Â MIP-3 beta signals through the G protein-coupled receptor CCR7 to regulate normal lymphocyte recirculation. Â MIP-3 beta also functions Â during T cell trafficking to the thymus, and in T cell and B cell homing to the lymph nodes and secondary lymphoid organs. Â

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 :	GANDAEDCCL SVTQRPIPGN IVKAFRYLLN EDGCRVPAVV FTTLRGYQLC APPDQPWVDR IIRRLKKSSA KNKGNSTRRS PVS

Application Note

Endotoxin: Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.
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 -80ÃÂ°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. ÃÂ ÃÂ



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.