

Recombinant Human MIP-3 beta (CCL19)

Cat No:HR2R1747

For research use only

Overview

Quantity	1.0 ?g
Gene Symbol	CCL19
Gene ID	6363
Accession	Q99731
Alternative Name	MIP-3-beta, C-C motif chemokine 19, Beta-chemokine exodus-3, CK beta-11, Epstein-Barr virus-induced molecule 1 ligand chemokine, EBI1 ligand chemokine, ELC, Small-inducible cytokine A19, Exodus-3, MIP3 Recombinant Human Macrophage Inflammatory Protein-3 Beta (CCL19)
Species	Human
Source	E. coli
Description	CCL19 is a chemokine that belongs to the CC family of growth factors and signals through the CCR7 receptor. CCL19 has been shown to be expressed in the thymus, lymph nodes and in activated bone marrow stromal cells. When anti-inflammatory signals are released, expression of CCL19 gets down-regulated ? specifically by IL-10.
Functions	Measured by its ability to chemoattract 5 ? 10 day cultured human peripheral blood lymphocytes (PBL). The ED(50) for this effect is typically 0.1?0.3 ?g/mL.
Formulation	Lyophilized from a 0.2 ?m filtered solution in Acetonitrile and TFA with BSA as a carrier protein
Solubility	Reconstitute at 25 ?g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin
Appearance	Lyophilized Powder
Molecular Weight	9.1
Purity	>95% as determined by SDS-PAGE
Concentration	<1.0 EU/?g of recombinant protein as determined by the LAL method.
Shipping Condition	Ambient Temperature
Storage Condition	The lyophilized protein is stable for at least one year from date of receipt at -70°C. Upon reconstitution, this cytokine can be stored in working aliquots at 2? - 8°C for one month, or at -20°C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.