Recombinant Mouse MCP-5 (CCL12)

Cat No:HR2R2195

For research use only

Overview

Quantity	1.0 ?g
Gene Symbol	CCL12
Gene ID	20293
Accession	Q62401
Alternative Name	MCP-1-related chemokine, Monocyte chemotactic protein 5, MCP5, Small-inducible cytokine A12, C-C motif chemokine 12, Mcp5, Scya12 Recombinant Mouse Monocyte Chemoattractant Protein-5 (CCL12)
Species	Mouse
Source	E. coli
Description	MCP-5 (CCL12) is a chemotactic factor that attracts eosinophils, monocytes, and lymphocytes but not neutrophils. It is also a potent active monocyte chemokine that signals through CCR2. It is Involved in allergic inflammation and the host response to pathogens. Also, it may play a pivotal role during early stages of allergic lung inflammation.
Functions	Determined by its ability to chemoattract human monocytes using a concentration range of 20-40 ng/mL.
Formulation	Recombinant MCP-5 was lyophilized from a 0.2 ?m filtered 20 mM PB solution pH 7.5, 100 mM NaCl.
Solubility	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Appearance	Lyophilized Powder
Molecular Weight	10
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.