Recombinant Mouse CCL22

Cat No:HR2R2088

For research use only

Overview

Quantity	20 ?g
Gene Symbol	CCL22
Gene ID	20299
Accession	O88430
Alternative Name	C-C motif chemokine 22, Activated B and dendritic cell-derived, CC chemokine ABCD-1, Small-inducible cytokine A22, Abcd1, Scya22 Recombinant Mouse Macrophage-Derived Chemokine (CCL22)
Species	Mouse
Source	E. coli
Description	CCL22 was described initially as a constitutively produced, thymus-specific chemokine, implicated in the recruitment of T cells. One of the functions of CCL22 originally described was induction of migration of CCR4+ Th2 cells, but it has additionally been shown to regulate migration of Tregs. CCL22 has been implicated in a number of diseases, including allergen-induced lung inflammation, atopic dermatitis, and lymphoma. Similarly, a presumed role for CCR4+ cells has been suggested for endotoxic shock, rheumatoid arthritis, T cell lymphoma, and autoimmune diabetes
Functions	Determined by its ability to chemoattract human T cells using a concentration range of 10-50 ng/mL.
Formulation	Recombinant mouse CCL22 is presented as 0.2 ?m filtered PBS pH 7.5.
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	8
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	Upon reconstitution, this cytokine can be stored in working aliquots at 2? - 8?C for one month, or at -20?C for six months. Avoid repeated freeze/thaw cycles.