

Recombinant Mouse Exodus-2 (CCL21A)

Cat No:HR2R2114

For research use only

Overview

Quantity	1.0 ?g
Gene Symbol	CCL21A
Gene ID	65956
Accession	P84444
Alternative Name	C-C motif chemokine 21a, 6Ckine, Beta-chemokine exodus-2, Small-inducible cytokine A21a, Thymus-derived chemotactic agent 4, TCA4, Scya21, Scya21a, Ccl21a
Species	Mouse
Source	E. coli
Description	Exodus-2 has a unique 36 (murine) or 37 (human) amino acid carboxyl-terminal extension not seen in other chemokines. Exodus-2 selectively stimulates the chemotaxis of adult T-lymphocytes and is expressed preferentially in lymph node tissue. Exodus-2 is critical for adult T-cell adhesion to high endothelial venules in lymph nodes, a rate-limiting step for T cell trafficking through nodal tissue.
Functions	Determined by its ability to chemoattract total lymphocyte population using a concentration range of 10-100 ng/mL.
Formulation	Recombinant mouse Exodus-2 was lyophilized from a 0.2 ?m filtered PBS solution.
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	12
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.