

GFM35

Recombinant Mouse Exodus-2 / CCL21

Description

Exodus-2, also known as CCL21, is a chemokine that is strongly produced in the human lymph nodes and spleen. Exodus-2 signals through the chemokine receptor CCR7 to regulate thymocyte and activated T cell migration. Exodus-2 also mediates the homing of lymphocytes to the lymphatic system. Human and mouse Exodus-2 proteins share greater than 85% amino acid sequence identity.

Length	110 aa
Molecular Weight	12 kDa
Source	E. coli
Accession Number	P84444
Purity	≥95% determined by reducing and non-reducing SDS-PAGE

Specifications

Alternative Names	CCL21, 6Ckine, exodus 2, exodus2
Biological Activity	Mouse Exodus-2 is fully biologically active when compared to standard. The activity is determined by the ability to chemoattract 5 - 10 day old cultures of human peripheral blood lymphocytes at a concentration between 200 - 600 ng/ml. There is no data currently available.
Endotoxin Level	≤1.00 EU/μg as measured by kinetic LAL
Formulation	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
AA Sequence	SDGGGQDCCL KYSQKKIPYS IVRGYRKQEP SLGCPAIL FSPRKHSKPE LKANPEEGWV QNLMRRLDQP PAPGKQSPGC RKNRGTSKSG KKGKGSKGCK RTEQTQPSRG

Preparation and Storage

Reconstitution	Centrifuge vial before opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile water at 0.1 mg/ml, which can be further diluted into other aqueous solutions.
Stability and Storage	12 months from date of receipt when stored at -20°C to -80°C as supplied. 1 month when stored at 4°C after reconstituting as directed. 3 months when stored at -20°C to -80°C after reconstituting as directed.