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32-12043: Mouse Exodus-2 (CCL21)

Gene :	Ccl21a
Gene ID :	18829
Uniprot ID :	P84444
Alternative Name :	6Ckine, Beta-chemokine exodus-2, Small-inducible cytokine A21, Thymus-derived chemotactic agent 4, Scya21, Scya21a

Description

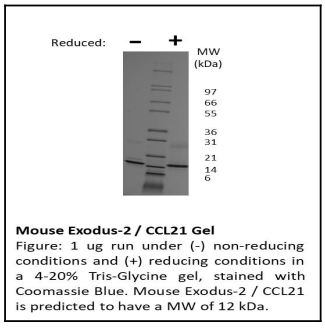
Source: Genetically modified E.coli.
Predicted MW: Monomer, 12 kDa (110 aa)
Exodus-2, also known as CCL21 and 6Ckine, is a chemokine that is strongly produced in the human lymph nodes and spleen. Exodus-2 signals through the chemokine receptor CCR7 to regulate thymocyte and activated T cell migration. 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.

Product Info

Amount :	20 µg / 100 µg
Purification :	Reducing and Non-Reducing SDS PAGE at >= 95%
Content :	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA) Sterile water at 0.1 mg/mL
Storage condition :	Store at -20°C
Amino Acid :	SDGGGQDCCL KYSQKKIPYS IVRGYRKQEP SLGCPIPAIL FSPRKHSKPE LCANPEEGWV QNLMRRLDQP PAPGKQSPGC RKNRGTSKSG KKGKGSKGCK RTEQTQPSRG

Application Note

Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialed to compensate for this loss.



Mouse Exodus-2 / CCL21 Gel
Figure: 1 ug run under (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Mouse Exodus-2 / CCL21 is predicted to have a MW of 12 kDa.

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