

Exodus-2 Mouse Recombinant (CCL21)

Item Number	rAP-0144
Synonyms	Small inducible cytokine A21, CCL21, Beta chemokine exodus-2, 6Ckine, Secondary lymphoid-tissue chemokine, SLC, chemokine (C-C motif) ligand 21, ECL, CKb9, TCA4, SCYA21, MGC34555.
Description	Exodus-2 Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 110 amino acids and having a molecular mass of 12kDa. The CCL21 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P84444
Amino Acid Sequence	SDGGGQDCCL KYSQKKIPYS IVRGYRKQEP SLGCPAIL FLPRKHSKPE LCANPEEGWV QNLMRRLDQP PAPGKQSPGC RKNRGTSKSG KKGKSGSKGCK RTEQTQPSRG.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Exodus-2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CCL21 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).
Formulation and Purity	Lyophilized from a concentrated (1mg/ml) solution in water containing 20mM Phosphate buffer and 0.15M NaCl pH-7.4. Greater than 97.0% as determined by SDS-PAGE & RP-HPLC.
Application	
Solubility	It is recommended to reconstitute the lyophilized Exodus2 in sterile 18MΩ-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions
Biological Activity	Determined by its ability to chemoattract total murine T cell population using a concentration range of 10-100ng/ml corresponding to a Specific Activity of 10,000-100,000IU/mg.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**