

Exodus-2, Mouse recombinant protein

C-C motif chemokine 21, 6Ckine, Beta-chemokine exodus-2, Secondary lymphoid-tissue chemokine, SLC, S
Catalog # PBV11257r

Specification

Exodus-2, Mouse recombinant protein - Product info

Primary Accession [P84444](#)
Calculated MW **12 kDa** KDa

Exodus-2, Mouse recombinant protein - Additional Info

Gene ID **18829**
Gene Symbol **CCL21**

Other Names

C-C motif chemokine 21, 6Ckine, Beta-chemokine exodus-2, Secondary lymphoid-tissue chemokine, SLC, Small-inducible cytokine A21

Gene Source	Mouse
Source	E. coli
Assay&Purity	SDS-PAGE; ≥98%
Assay2&Purity2	HPLC;
Recombinant	Yes
Results	200 ng/mL- 600 ng/mL.
Sequence	SDGGGQDCCL KYSQKKIPYS IVRGYRKQEP SLGCPAIL FSPRKHSKPE LKANPEEGWV QNLMRRLDQP PAPGKQSPGC RKNRGTSKSG KKGKGSKGCK RTEQTQPSRG

Target/Specificity

CCL21

Application Notes

Recommended reconstitution in sterile water at a concentration of 0.1 mg/mL

Format

Lyophilized powder

Storage

-20°C; Lyophilized powder. Recommended reconstitution in sterile water at a concentration of 0.1 mg/mL

Exodus-2, Mouse recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Exodus-2, Mouse recombinant protein - Images

Exodus-2, Mouse recombinant protein - Background

Exodus-2, also known as CCL21 and 6Ckine, is a novel chemokine produced at high levels in human lymph node tissue and the spleen. 6Ckine signals through the CCR7 receptor to recruit thymocytes and activated T cells in vitro, but is not known to be chemotactic for monocytes. Human and mouse Exodus-2 share > 85% amino acid homology. Recombinant mouse Exodus-2 is a nonglycosylated protein, containing 110 amino acids, with a molecular weight of 12 kDa.

Exodus-2, Mouse recombinant protein - References

Hedrick J.A., et al. J. Immunol. 159:1589-1593(1997).
Tanabe S., et al. J. Immunol. 159:5671-5679(1997).
Vassileva G., et al. J. Exp. Med. 190:1183-1188(1999).
Nakano H., et al. J. Immunol. 166:361-369(2001).
Carninci P., et al. Science 309:1559-1563(2005).