

Recombinant Human C-C motif chemokine 21(CCL21)

Catalog No: #AP70128

Package Size: #AP70128-1 20ug #AP70128-2 100ug #AP70128-3 1mg

Description

Product Name	Recombinant Human C-C motif chemokine 21(CCL21)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:24-134aaSequence Info:Full Length
Other Names	6Ckine;Beta-chemokine exodus-2;Secondary lymphoid-tissue chemokine ;SLC;Small-inducible cytokine A21
Accession No.	O00585
Calculated MW	39.3 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	SDGGAQDCCLKYSQRKIPAKVVRSYRKQEPSLGCSIPAILFLPRKRSQAELCADPKELWVQQLMQHLDKTPSP QKPAQGCRKDRGASKTGKKGKSGKCKRTERSQTPKGP
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Inhibits hopoiesis and stimulates chotaxis. Chotactic in vitro for thymocytes and activated T-cells, but not for B-cells, macrophages, or neutrophils. Shows preferential activity towards naive T-cells. May play a role in mediating homing of lymphocytes to secondary lymphoid organs. Binds to atypical chokine receptor ACKR4 and mediates the recruitment of beta-arrestin (ARRB1,2) to ACKR4.

References

Solution structure of CCL21 and identification of a putative CCR7 binding site.Love M., Sandberg J.L., Ziarek J.J., Gerarden K.P., Rode R.R., Jensen D.R., McCaslin D.R., Peterson F.C., Veldkamp C.T.Biochemistry 51:733-735(2012) Research Topic:Immunology

Note: This product is for in vitro research use only and is not intended for use in humans or animals.