

CXCL13, 23-109aa, Human, His tag, E.coli

Cat.NO.: TP01796

3th Edition

Synonyms:C-X-C motif chemokine 13 precursor, Chemokine (C-X-C motif) ligand 13, ANGIE, ANGIE2, BCA-1, BCA1, BLC, BLR1L, SCYB13

Description:B lymphocyte chemoattractant, independently cloned and named Angie, is a CXC chemokine strongly expressed in the follicles of the spleen, lymph nodes, and Peyer's patches. It preferentially promotes the migration of B lymphocytes (compared to T cells and macrophages), apparently by stimulating calcium influx into, and chemotaxis of, cells expressing Burkitt's lymphoma receptor 1 (BLR-1). It may therefore function in the homing of B lymphocytes to follicles. Recombinant human CXCL13 protein, fused to His-tag at N-terminus, was expressed in E.coli

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing , 10% glycerol, 0.4M Urea

Molecular Weight:12.7kDa (110aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGVLEVVYTSLRRCVQESSVFIPRRFIDRIQILPRGNGCPRKEIIVWKNKSIVC
VDPQAEWIQRMMEVLRKRSSSTLPVPVFKRKIP

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.