Recombinant Cynomolgus C-X-C motif chemokine ligand 13 Protein, His&SUMO tagged

Cat. No. CXCL13-1170C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus CXCL13 Protein (23-109aa) with His&SUMO tag was expressed in E. coli.
Species	Cynomolgus
Source	E.coli
ProteinLength	23-109aa
Description	B lymphocyte chemoattractant, independently cloned and named Angie, is an antimicrobial peptide and 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.
Tag	N-His&SUMO
Molecular Mass	24.5 kDa
AA Sequence	MNWSHPQFEKSSGSSGGHHHHHHGGSGGSGSDSEVNQEAKPEVKPEVKPETHIN LKVSDGSSEIFFKIKKTTPLRRLMEAFAKRQGKEMDSLRFLYDGIRIQADQAPEDLDM EDNDIIEAHREQIGGVLEVYYTHLRCRCVQESSVFIPRRFIDRIQISPRGNGCPRKEIIV WKKNKSVVCVDPQAEWIQRIMEMLRKKSSSTPPVPVFKRKIP

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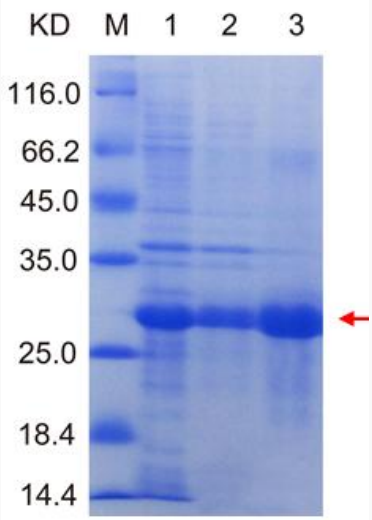
Purity	> 85% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	20 mM Tris-HCl, 0.10 M NaCl, pH8.0
Concentration	0.4 mg/mL

GENE INFORMATION

Gene Name	CXCL13 C-X-C motif chemokine ligand 13 [Macaca mulatta (Rhesus monkey)]
Official Symbol	CXCL13
Synonyms	CXCL13; C-X-C motif chemokine ligand 13; BLC; C-X-C motif chemokine 13; B-lymphocyte chemoattractant; Small-inducible cytokine B13; chemokine (C-X-C motif) ligand 13 (B-cell chemoattractant); chemokine CXCL13/BCA-1
Gene ID	574224
mRNA Refseq	NM_001032880
Protein Refseq	NP_001028052
UniProt ID	Q8HYN9

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SDS-PAGE of Cyno Monkey fusion protein purification



Lane M: Protein Marker
Lane 1: Un-purified
Lane 2: Flow through
Lane 3: Elution

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