Recombinant Rhesus CXCL13 protein

Cat. No. CXCL13-1322R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus CXCL13 protein was expressed in Escherichia coli.
Species	Rhesus macaque
Source	E.coli
ProteinLength	87
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.
Form	Lyophilized from a 0.2μm filtered concentrated solution in 20mM Tris-HCl, pH 8.0, 300mM NaCl.
Molecular Mass	Approximately 10.3 kDa, a single non-glycosylated polypeptide chain containing 87 amino acids.
AA Sequence	VLEVYYTHLRCRCVQESSVFIPRRFIDRIQISPRGNGCPRKEIIVWKKNKSVVCVDPQ AEWIQRIMEMLRKKSSSTPPVPVFKRKIP
Endotoxin	Less than 0.01 EU/μg of rRhCXCL-13 as determined by LAL method.
Purity	>95% by SDS-PAGE and HPLC analysis.

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Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.12 months from date of receipt, -20 to -70 centigrade as supplied.1 month, 2 to 8 centigrade under sterile conditions after reconstitution.3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤-20 centigrade. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

Gene Name	CXCL13
Official Symbol	CXCL13
Gene ID	574224
mRNA Refseq	NM_001032880.1
Protein Refseq	NP_001028052.1
UniProt ID	Q8HYN9

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