

Recombinant Canine CXCL13, His tagged

Cat. No. CXCL13-299C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Canine CXCL13 (XP_851619.3) (Val23-Asn110), fused with a N-terminal polyhistidine tag, was produced in E. coli.
Species	Canine
Source	E.coli
ProteinLength	23-110 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant canine CXCL13 comprises 104 amino acids and has a predicted molecular mass of 12.1 kDa. The apparent molecular mass of the protein is approximately 15 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name CXCL13 chemokine (C-X-C motif) ligand 13 [*Canis lupus familiaris*(dog)]

Official Symbol CXCL13

Gene ID 608156

mRNA Refseq XM_845089

Protein Refseq XP_850182

Chromosome Location 32

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA