

## General Information

### Gene Name Synonym

C-X-C motif chemokine 8; Chemokine (C-X-C motif) ligand 8

### Protein Construction

A DNA sequence encoding the canine IL8 (P41324) (Ala23-Pro101) was expressed, with a N-terminal Met.

### Organism

Canine

### Expression Host

E. coli

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Ala 23

### Molecular Mass

The recombinant canine IL8 comprises 80 amino acids and has a predicted molecular mass of 9.2 kDa. The apparent molecular mass of the protein is approximately 9 kDa in SDS-PAGE under reducing conditions due to glycosylation.

### Formulation

Lyophilized from sterile PBS 0.5mM TCEP pH 7.4  
1. 5 % trehalose and mannitol are added as protectants before lyophilization.  
2. Please contact us for any concerns or special requirements.

## Usage Guide

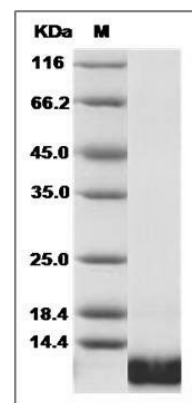
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Canine IL-8 / CXCL8 Protein SDS-PAGE