

General Information

Protein Construction

A DNA sequence encoding the canine CXCL12 (NP_001121569.1) (Lys22-Met93) 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

Met

Molecular Mass

The recombinant canine CXCL12 comprises 73 amino acids and has a predicted molecular mass

of 8.6 kDa.

Formulation

Lyophilized from sterile 50 mM Tris, 500 mM NaCl, pH 8.0.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

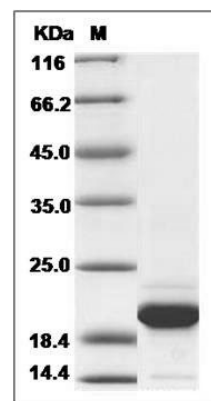
Storage

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 CXCL12 / SDF-1 Protein SDS-PAGE