

Recombinant Canine CXCL12 protein(Lys22-Met93)

Cat. No. CXCL12-383C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine CXCL12 protein(NP_001121569.1)(Lys22-Met93) was expressed in E. coli.
Species	Canine
Source	E.coli
ProteinLength	Lys22-Met93
similar	CXCL12
Alias	CXCL12; chemokine (C-X-C motif) ligand 12; SDF1; stromal cell-derived factor 1; chemokine (C-X-C motif) ligand 12 (stromal cell-derived factor 1)
Conjugate	N/A
Form	Lyophilized from sterile 50 mM Tris, 500 mM NaCl, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	The recombinant canine CXCL12 comprises 73 amino acids and has a predicted molecular mass of 8.6 kDa.

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Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GeneName	CXCL12 chemokine (C-X-C motif) ligand 12 [Canis lupus familiaris(dog)]
GeneNameWeblink	449622
OfficialSymbol	CXCL12
OfficialSymbolWeblink	449622
GenelD	449622
GenelDWeblink	449622
mRNARefseq	NM_001128097
mRNARefseqWeblink	NM_001128097.1
ProteinRefseqWeblink	NP_001121569.1
MIMWeblink	
UniProtID	

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UniProtIDWeblink	
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GENE INFORMATION

Synonyms	CXCL12; chemokine (C-X-C motif) ligand 12; SDF1; stromal cell-derived factor 1; chemokine (C-X-C motif) ligand 12 (stromal cell-derived factor 1)
MIM	

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