

Recombinant Canine XCL1, His tagged

Cat. No. XCL1-169C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine XCL1 (XP_547477.2) (Met1-Thr112), fused with a C-terminal polyhistidine tag, was produced in Baculovirus-Insect Cells.
Species	Canine
Source	Insect Cells
ProteinLength	1-112 a.a.
Predicted N Terminal	Glu 25
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant canine XCL1 comprises 98 amino acids and has a predicted molecular mass of 11.3 kDa. The apparent molecular mass of the protein is approximately 18-23 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	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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Storage Store it under sterile conditions at -20oC~-70oC. 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. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name LOC490356 cytokine SCM-1 beta-like [*Canis lupus familiaris* (dog)]

Official Symbol XCL1

Gene ID 490356

mRNA Refseq XM_547477

Protein Refseq XP_547477

Chromosome Location 7

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