

Active Recombinant Rat Xcl1 protein

Cat. No. Xcl1-638R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Rat Xcl1 protein(P51672)(22-114 aa) was expressed in E.coli.
Species	Rat
Source	E.coli
ProteinLength	22-114 aa
Form	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.
Bio-activity	Fully biologically active when compared to standard. The ED50 as determined by a chemotaxis bioassay using human XCR1 transfected murine BaF3 cells is less than 100 ng/ml, corresponding to a specific activity of > 1.0 × 10 ⁴ IU/mg.
Molecular Mass	Approximately 10.0 kDa, a single non-glycosylated polypeptide chain containing 93 amino acids.
AASequence	VGTEVLQESI CVSLRTQRLP VQKIKTYTIK EGAMRAVIFV TKRGLRICAD PQAKWVKTAI KTVDGRASAS KSKAETIPTQ AQRSASTAVT LTG
Endotoxin	Less than 0.1 EU/µg of rRtLymphotactin/XCL1 as determined by LAL method.
Purity	>97% by SDS-PAGE and HPLC analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months

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from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

Gene Name [Xcl1 chemokine \(C motif\) ligand 1 \[Rattus norvegicus \]](#)

Official Symbol [Xcl1](#)

Synonyms XCL1; chemokine (C motif) ligand 1; lymphotactin; cytokine SCM-1; c motif chemokine 1; small-inducible cytokine C1; small inducible cytokine subfamily C, member 1 (lymphotactin); Ltn; Scyc1;

Gene ID [171371](#)

mRNA Refseq [NM_134361](#)

Protein Refseq [NP_599188](#)

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