

Datasheet for ABIN2830591 **XCL1 Protein**



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Overview

Quantity:	100 µg
Target:	XCL1
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Functional Studies (Func)

Product Details

Sequence:	VGTEVLQESI CVSLRTQRLP VQKIKTYTIK EGAMRAVIFV TKRGLRICAD PQAKWVKTAI KTV DGRASAS KSKAETIPTQ AQRSASTAVT LTG
Characteristics:	Biological 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 $> 1.0 \times 10^4$ IU/mg.
Purity:	>97 % as determined by SDS-PAGE and HPLC.
Sterility:	0.2 µm filtered

Target Details

Target:	XCL1
Alternative Name:	Xcl1 (XCL1 Products)
Background:	Relevance: Chemotactic activity for lymphocytes but not for monocytes or neutrophils.

Target Details

{ECO:0000250}.

Synonyms: C motif chemokine 1, Small-inducible cytokine C1

Molecular Weight: 10.0 kDa

UniProt: [P51672](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Activated T Cell Proliferation](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -20 °C
