

ICOS 抗原（重组蛋白）

中文名称： ICOS 抗原（重组蛋白）

英文名称： ICOS Antigen (Recombinant Protein)

别名： AILIM, CD278, CVID1

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 21-140 amino acids of human ICOS

技术规格

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|---------------------------|--|
| Full name: | inducible T-cell co-stimulator |
| Synonyms: | AILIM, CD278, CVID1 |
| Swissprot: | Q9Y6W8 |
| Gene Accession: | BC028006 |
| Purity: | >85%, as determined by Coomassie blue stained SDS-PAGE |
| Expression system: | Escherichia coli |
| Tags: | His tag C-Terminus, GST tag N-Terminus |
| Background: | The protein encoded by this gene belongs to the CD28 and CTLA-4 cell-surface receptor family. It forms homodimers and plays an important role in cell-cell signaling, immune responses, and regulation of cell proliferation. Enhances all basic T-cell responses to a foreign antigen, namely proliferation, secretion of lymphokines, up-regulation of molecules that mediate cell-cell interaction, and effective help for antibody secretion by B-cells. Essential both for efficient in |

teraction between T and B-cells and for normal antibody responses to T-cell dependent antigens. Does not up-regulate the production of interleukin-2, but superinduces the synthesis of interleukin-10. Prevents the apoptosis of pre-activated T-cells. Plays a critical role in CD40-mediated class switching of immunoglobulin isotypes.