

Datasheet for ABIN7566099

ICOS Protein (AA 21-142) (Fc Tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ICOS
Protein Characteristics:	AA 21-142
Origin:	Mouse
Source:	CHO Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ICOS protein is labelled with Fc Tag.

Product Details

Purpose:	CD278 [ICOS] (mouse):Fc (mouse) (rec.)
Cross-Reactivity:	Mouse
Characteristics:	The extracellular domain of mouse CD278 [ICOS] (aa 21-142) is fused to the N-terminus of the Fc region of mouse IgG2a.
Purity:	>98 % (SDS-PAGE)
Sterility:	Sterile filtered
Endotoxin Level:	<0.06EU/µg protein (LAL test, Lonza).

Target Details

Target:	ICOS
Alternative Name:	CD278 [ICOS] (ICOS Products)

Target Details

Background: ICOS, Inducible T Cell Costimulator, CRP1, CD28-related Protein-1, AILIM

CD278, also called inducible costimulator (ICOS) or CRP1 (CD28-related protein-1), is a member of the growing CD28 family of immune costimulatory receptors. Other family members are CD28, CTLA-4 and PD-1. ICOS is expressed on most CD45RO+ cells. ICOS expression is upregulated within approximately 24-48 hours of activation on Th primed cells. B7-H2, a member of the B7 family of costimulatory ligands, has been identified as the ICOS ligand. The B7-H2/ICOS interaction appears to play roles in T cell dependent B cell activation and Th differentiation.

NCBI Accession: [NP_059508](#)

Pathways: [Cancer Immune Checkpoints](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from 0.2µm-filtered solution in PBS.

Handling Advice: Avoid freeze/thaw cycles. Centrifuge lyophilized vial before opening and reconstitution.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Use & Stability: Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.