

Datasheet for ABIN7321000

**ICOS Protein (Fc Tag)****1** Image[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	ICOS
Origin:	Rhesus Monkey
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ICOS protein is labelled with Fc Tag.

## Product Details

Purpose:	Recombinant Rhesus macaque ICOS/AILIM/CD278 Protein (Fc Tag)
Sequence:	Gly20-Lys140
Characteristics:	Recombinant Rhesus macaque ICOS is produced by our Mammalian expression system and the target gene encoding Gly20-Lys140 is expressed with a Fc tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	ICOS
Alternative Name:	ICOS/AILIM/CD278 ( <a href="#">ICOS Products</a> )
Background:	Background: Inducible T-cell costimulator, also known as activation-inducible lymphocyte immunomediatory molecule, CD278, AILIM, CVID1 and ICOS, belongs to the CD28 and CTLA4 cell surface receptor family.. ICOS contains one Ig-like V-type domain and exsits as a

## Target Details

homodimer with disulfide-linked. ICOS is highly expressed on tonsillar T-cells and can be induced by PMA and ionomycin, ICOS plays an important role in cell-cell signaling, immune responses, and regulation of cell proliferation. Defects in ICOS are the cause of immunodeficiency common variable type 1, which is a primary immunodeficiency characterized by antibody deficiency, hypogammaglobulinemia, recurrent bacterial infections and an inability to mount an antibody response to antigen.

Synonym: Inducible T-cell costimulator, activation-inducible lymphocyte immunomediatory molecule, CD278, AILIM, CVID1, ICOS

Molecular Weight: 40.8 kDa

UniProt: [H9Z062](#)

Pathways: [Cancer Immune Checkpoints](#)

## Application Details

Comment: 50-60 kDa

Restrictions: For Research Use only

## Handling

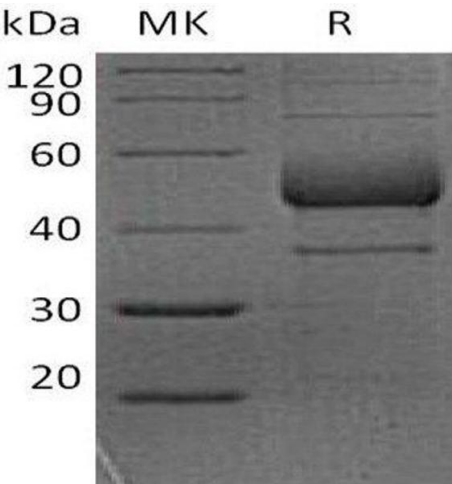
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.