

Datasheet for ABIN6961167
ICOS Protein (AA 21-140) (Fc Tag)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	ICOS
Protein Characteristics:	AA 21-140
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ICOS protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human ICOS protein with C-terminal human Fc tag
Specificity:	ICOS (Glu21-Lys140) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	ICOS
Alternative Name:	ICOS (ICOS Products)
Background:	The protein encoded by this gene belongs to the CD28 and CTLA-4 cell-surface receptor family.

Target Details

It forms homodimers and plays an important role in cell-cell signaling, immune responses, and regulation of cell proliferation.

Molecular Weight: predicted molecular mass of 39.7 kDa after removal of the signal peptide. The apparent molecular mass of ICOS-hFc is 55 kDa due to glycosylation.

Gene ID: 29851

UniProt: [Q9Y6W8](#)

Pathways: [Cancer Immune Checkpoints](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

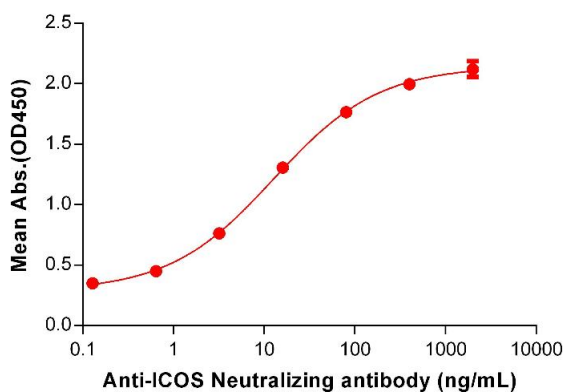
Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months

Images

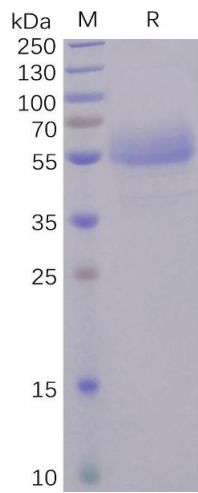
Human ICOS, hFc tagged protein ELISA

0.1 µg of Human ICOS, hFc tagged protein per well



ELISA

Image 1. ELISA plate pre-coated by 1 µg/mL (100 µL/well) Human ICOS protein, hFc Tag (ABIN6961167, ABIN7042363 and ABIN7042364) can bind Anti-ICOS Neutralizing antibody ABIN6964425 and ABIN7272561 in a linear range of 0.64-400 ng/mL.



SDS-PAGE

Image 2. Human ICOS Protein, hFc Tag on SDS-PAGE under reducing condition.