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Datasheet for ABIN6809913

ICOS Protein (AA 21-141) (Fc Tag)

2 Images

Overview

Quantity:	100 µg
Target:	ICOS
Protein Characteristics:	AA 21-141
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This ICOS protein is labelled with Fc Tag.

Product Details

Sequence:	AA 21-141
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	ICOS
Alternative Name:	ICOS (ICOS Products)
Background:	Inducible T-cell costimulator (ICOS) is also known as Activation-inducible lymphocyte immunomediatory molecule (AILIM), CD278, which belongs to the CD28 family of immune costimulatory receptors consisting of CD28, CTLA-4 and PD-1. ICOS enhances all basic T-cell responses to a foreign antigen, namely proliferation, secretion of lymphokines, up-regulation of

Target Details

molecules that mediate cell-cell interaction, and effective help for antibody secretion by B-cells. CD278 / ICOS prevents the apoptosis of pre-activated T-cells and also plays a critical role in CD40-mediated class switching of immunoglobulin isotypes.

Molecular Weight: 40.2 kDa

NCBI Accession: [NP_036224](#)

Pathways: [Cancer Immune Checkpoints](#)

Application Details

Restrictions: For Research Use only

Handling

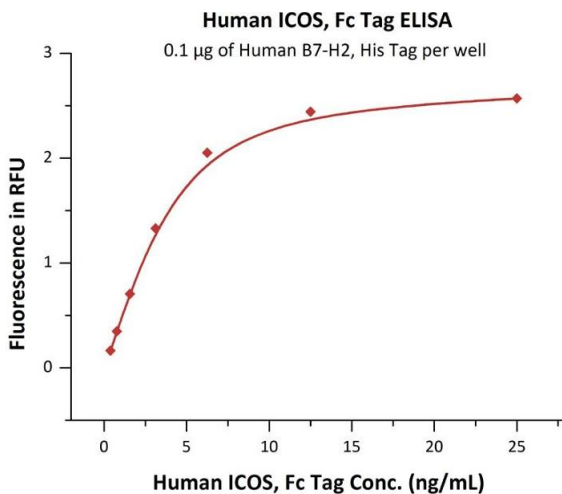
Format: Lyophilized

Buffer: Tris with Glycine, Arginine and NaCl, pH 7.5

Handling Advice: Please avoid repeated freeze-thaw cycles.

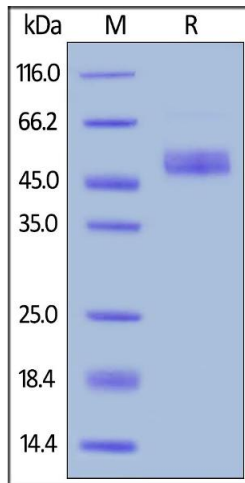
Storage: -20 °C

Images



ELISA

Image 1. Immobilized Human B7-H2, His Tag (ABIN2181242, ABIN2181241) at 1 µg/mL (100 µL/well) can bind Human ICOS, Fc Tag (ABIN6731300, ABIN6809913) with a linear range of 0.4-6 ng/mL (QC tested).



SDS-PAGE

Image 2. Human ICOS, Fc Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .