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Datasheet for ABIN6938860 ICOS Protein (AA 21-144) (Fc Tag)

2 Images



Overview

Quantity:	100 µg
Target:	ICOS
Protein Characteristics:	AA 21-144
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This ICOS protein is labelled with Fc Tag.

Product Details

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

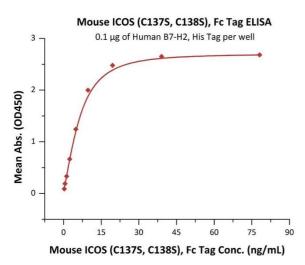
Target Details

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	
	molecules that mediate cell-cell interaction, and effective help for antibody secretion by B-cells.	

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Target Details	
	CD278 / ICOS prevents the apoptosis of pre-activated T-cells and also plays a critical role in CD40-mediated class switching of immunoglobin isotypes.
Molecular Weight:	40.6 kDa
Pathways:	Cancer Immune Checkpoints
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Buffer:	Tris with Glycine, Arginine and NaCl, pH 7.5
Storage:	-20 °C

Images



ELISA

1. Immobilized Human B7-H2, Image His Tag (ABIN2181242,ABIN2181241) at 1 µg/mL (100 µL/well) can ICOS (C137S, C138S), bind Mouse Fc Tag (ABIN6923173, ABIN6938860) with a linear range of 0.3-10 ng/mL (QC tested).

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Images

kDa	М	R
116.0		
66.2		
45.0	-	Sec. 1
35.0	-	
25.0	_	
18.4	-	
14.4	-	

SDS-PAGE

Image 2. Mouse ICOS (C137S, C138S), Fc Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

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