

Datasheet for ABIN6809884

## ICOS Protein (AA 21-144) (His tag)



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### 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 His tag.

#### Product Details

Purity:	>90 % 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 ( <a href="#">ICOS Products</a> )
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.

## Target Details

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: 15.7 kDa

Pathways: [Cancer Immune Checkpoints](#)

## Application Details

Restrictions: For Research Use only

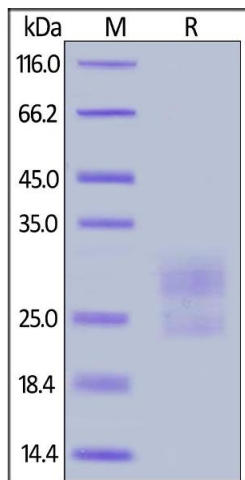
## Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

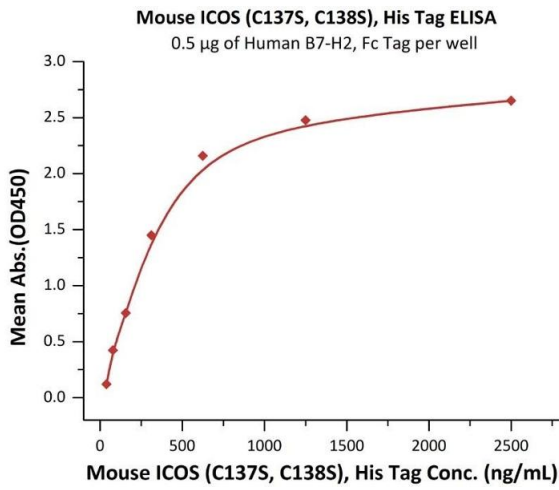
Storage: -20 °C

## Images



### SDS-PAGE

**Image 1.** Mouse ICOS (C137S, C138S), His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .



## ELISA

**Image 2.** Immobilized Human B7-H2, Fc Tag (ABIN6731298, ABIN6809944) at 5 µg/mL (100 µL/well) can bind Mouse ICOS (C137S, C138S), His Tag (ABIN6731301, ABIN6809884) with a linear range of 39-625 ng/mL (QC tested).