

Datasheet for ABIN7491047

**ICOSLG Protein (AA 47-279) (Fc Tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	ICOSLG
Protein Characteristics:	AA 47-279
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ICOSLG protein is labelled with Fc Tag.

## Product Details

Purpose:	Recombinant mouse B7-H2 protein with C-terminal human Fc tag
Specificity:	Mouse B7-H2 (Glu47-Lys279) 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:	ICOSLG
Alternative Name:	B7-H2 ( <a href="#">ICOSLG Products</a> )
Background:	Ligand for the T-cell-specific cell surface receptor ICOS. Acts as a costimulatory signal for T-cell

## Target Details

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proliferation and cytokine secretion, induces also B-cell proliferation and differentiation into plasma cells. Could play an important role in mediating local tissue responses to inflammatory conditions, as well as in modulating the secondary immune response by co-stimulating memory T-cell function (By similarity).[UniProtKB/Swiss-Prot Function]

Molecular Weight: predicted molecular mass of 52.4 kDa after removal of the signal peptide. The apparent molecular mass of mB7-H2-hFc is 55-70 kDa due to glycosylation.

UniProt: [Q9JHJ8](#)

Pathways: [Production of Molecular Mediator of Immune Response, Activated T Cell Proliferation](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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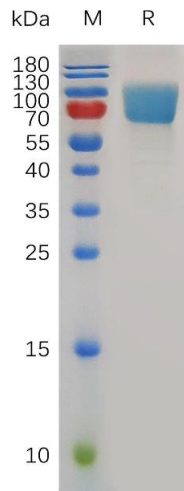
Format: Lyophilized

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



### SDS-PAGE

**Image 1.** Mouse B7-H2 Protein, hFc Tag on SDS-PAGE under reducing condition.