

RP02255

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Recombinant Human ICOS/CD278 Protein

Catalog No.: RP02255

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	29851	Q9Y6W8

Tags

C-mFc&His

Synonyms

AILIM; CD278; CVID1; ICOS; CD278; CVID1

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

Formulation

Lyophilized from sterile PBS, pH 7.4.
Normally 5 % - 33 % trehalose is added as protectants before lyophilization.

Reconstitution

Reconstitute with deionized water

Background

The protein encoded by this gene belongs to the CD28 and CTLA-4 cell-surface receptor family. It forms homodimers and plays an important role in cell-cell signaling, immune responses, and regulation of cell proliferation.

Basic Information

Description

Recombinant Human ICOS/CD278 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (ICOS(Glu21-Lys140)&mFc(Pro99-Lys330)) of human ICOS (Accession #) fused with a Fc and His Tag at the C-terminal. .

Bio-Activity

ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human ICOS, mFc-His tagged protein can bind Anti-ICOS Neutralizing antibody in a linear range of 0.24-31.25 ng/mL.

Storage

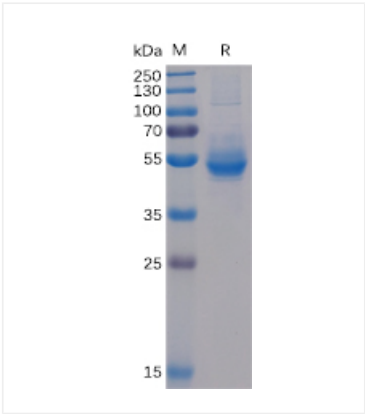
Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact

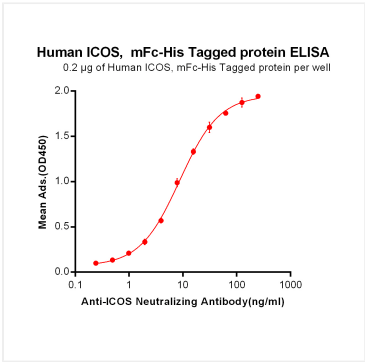


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Validation Data



Recombinant Human ICOS/CD278 Protein was determined by SDS-PAGE with Coomassie Blue, showing bands at 41.1 kDa



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