

Recombinant Human ICOS/CD278 Protein

Catalog No.: RP01126 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	29851	Q9Y6W8

Tags

C-hFc&His

Synonyms

AILIM; CD278; CVID1; ICOS; CD278; CVID1

Product Information

Source	Purification
HEK293 cells	> 90 % by SDS-PAGE.

Endotoxin

< 1.0 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles.

Background

This protein 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 (Met1-Phe141) of human ICOS (Accession #NP_036224.1) fused with an Fc, 6×His tag at the C-terminus.

Bio-Activity

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.

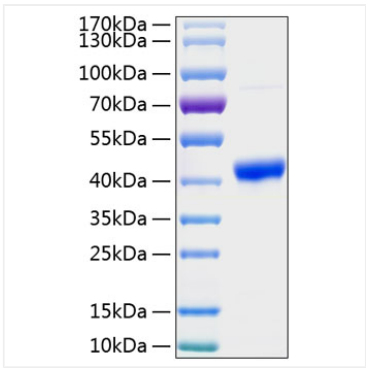
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Validation Data



Recombinant Human ICOS/CD278 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at approximately 50 kDa.