

RP01163

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Recombinant Human B7-H2/ICOSLG/CD275 Protein

Catalog No.: RP01163

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	23308	O75144-1

Tags

C-His

Synonyms

ICOSLG;B7-H2;B7H2;B7RP-1;B7RP1;CD275;GL50;ICOS-L;ICOSL;LICOS

Product Information

Source

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 free-thaw cycles.

Purification

≥ 90 % as determined by SDS-PAGE.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

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

Reconstitution

Background

Basic Information

Description

Recombinant Human B7-H2/ICOSLG/CD275 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Asp19-Ser258) of human B7-H2/ICOSLG (Accession #NP_056074.1) fused with a 6×His tag at the C-terminus.

Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Human B7-H2/ICOSLG at 1 μg/mL (100 μL/well) can bind Human ICOS/CD278 with a linear range of 2-14.8 ng/mL.

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

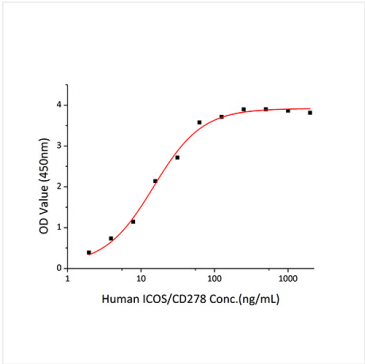
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Contact

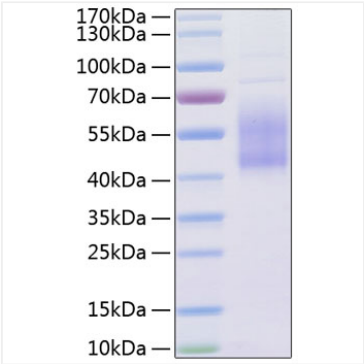


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Validation Data



Immobilized Recombinant Human B7-H2/ICOSLG at 1 µg/mL (100 µL/well) can bind Human ICOS/CD278 with a linear range of 2-14.8 ng/mL.



Recombinant Human B7-H2/ICOSLG/CD275 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.