Recombinant Human B7-H2/ICOSLG/CD275 Protein

Catalog No.: RP01163

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Sequence Information

Species	Gene ID
Human	23308
Swiss Prot	**Tags**
O75144-1	C-His

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

Product Information

Source	Purification
HEK293 cells	≥ 90 % as determined by SDS-PAGE.
Calculated MW	**Observed MW**
27.53 kDa	45-70 kDa

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
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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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.

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.

Storage
Store at -20℃

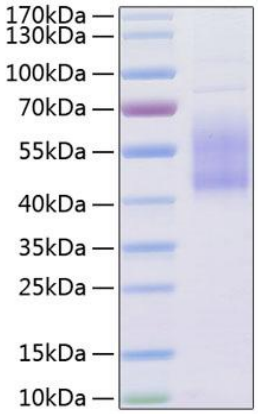
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

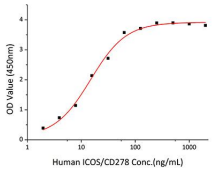
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Validation Data



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



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.