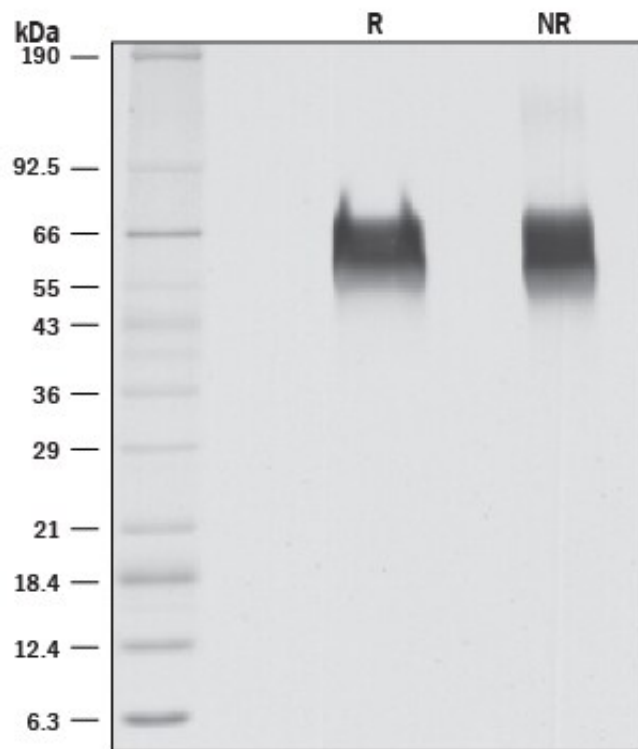


# Recombinant Human ICOSLG Protein (Asp19-Ser258), C-6×His-tagged

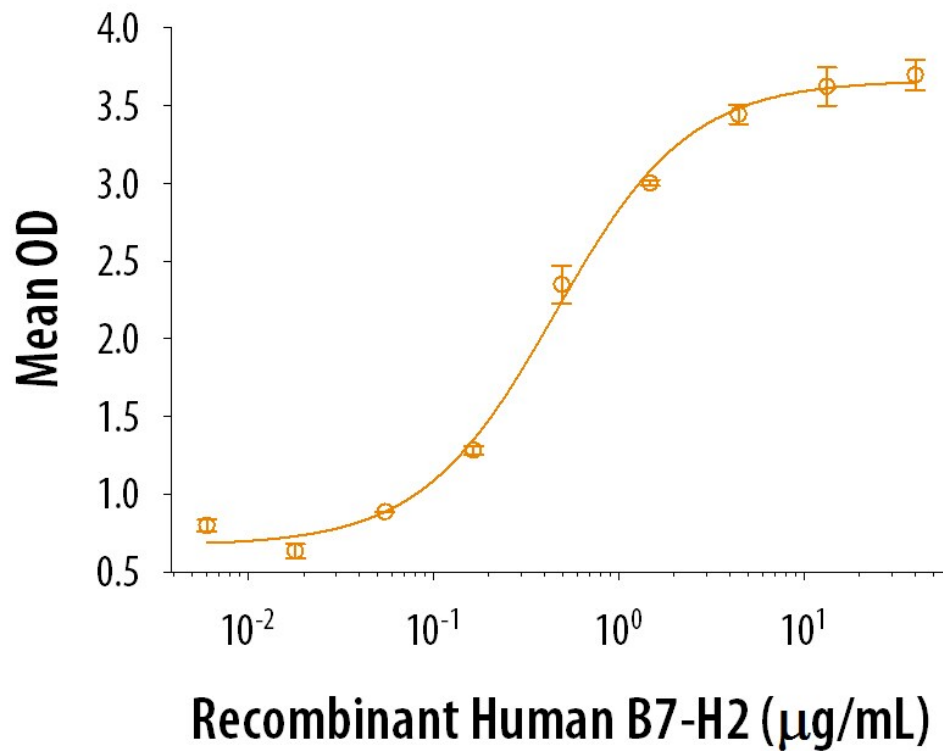
## Product Information

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<b>Cat</b>	IMP-10420
<b>Official Symbol</b>	ICOSLG
<b>Product Overview</b>	Recombinant human B7-H2 protein (Asp19-Ser258) with a C-terminal 6×His tag was expressed in Human embryonic kidney cell.
<b>Description</b>	Enables identical protein binding activity. Predicted to be involved in T cell receptor signaling pathway and positive regulation of interleukin-4 production. Located in cytoplasmic ribonucleoprotein granule and plasma membrane.
<b>Expression System</b>	HEK293
<b>Species</b>	Human
<b>Tag</b>	C-6×His
<b>Predicted N Terminal</b>	Asp19
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Molecular Mass</b>	Predicted Molecular Mass: 28 kDa SDS-PAGE: 59-64 kDa, reducing conditions
<b>Protein length</b>	Asp19-Ser258
<b>Bio-activity</b>	Measured by its ability to co-stimulate IL-4 secretion by D10.G4.1 mouse helper T cells in the presence of anti-CD3. The ED50 for this effect is 0.3-1.5 µg/mL. Measured by its ability to stimulate human T cell proliferation in the presence of anti-CD3. Wang, S. et al. (2000) Blood 96:2808. The ED50 for this effect is 0.3-1.2 µg/mL.
<b>Endotoxin</b>	
<b>Purity</b>	>95%, by SDS-PAGE with silver staining.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
<b>Reconstitution</b>	Reconstitute at 200 µg/mL in sterile PBS.
<b>SDS-PAGE</b>	



**Bioactivity-ELISA 1**



***Measured by its ability to co-stimulate IL-4 secretion by D10.G4.1 mouse helper T cells in the presence of anti-CD3. The ED50 for this effect is 0.3-1.5 µg/mL. Measured by its ability to stimulate human T cell proliferation in the presence of anti-CD3. Wang, S. et al. (2000) Blood 96:2808. The ED50 for this effect is 0.3-1.2 µg/mL.***