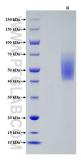
## For Research Use Only Recombinant Human ICOSLG/B7-H2/CD275 protein (Myc Tag, His Tag)

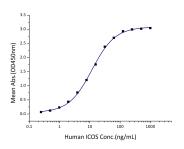


## Catalog Number: Eg0008

Basic Information	<b>Species:</b> Human	Purity: >95 %, SDS-PAGE	<mark>Tag:</mark> Myc Tag, His Tag
	<b>EC50:</b> 6-24 ng/mL		
Technical Specifications	Purity: >95 %, SDS-PAGE		
	<mark>Endotoxin Level:</mark> <0.1 EU/ μ g protein, LAL metl	nod	
	Source: HEK293-derived Human ICOSLG protein Asp19-Thr256 (Accession# 075144) with a Myc tag and a His tag at the C- terminus.		
	GenelD: 23308		
	Accession: 075144		
	Predicted Molecular Mass: 28.9 kDa		
	SDS-PAGE: 42-70 kDa, reducing (R) conditions		
	<b>Formulation:</b> Lyophilized from 0.22 µm fil protectants before lyophiliza		y 5% trehalose and 5% mannitol are added as
<b>Biological Activity</b>	Immobilized Human ICOSLG (Myc tag, His tag) at 0.5 µg/mL (100 µL/well) can bind Human ICOS (hFc tag, Myc tag, His tag) with a linear range of 6-24 ng/mL.		
Storage and Shipping	Storage: It is recommended that the p	rotein be aliquoted for optimal stora	ge. Avoid repeated freeze-thaw cycles.
	<ul> <li>Until expiry date, -20°C to -80°C as lyophilized proteins.</li> <li>3 months, -20°C to -80°C under sterile conditions after reconstitution.</li> </ul>		
	Shipping: The product is shipped at am temperature.	pient temperature. Upon receipt, stor	re it immediately at the recommended
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	significant homology with B $\gamma$ co-signals to immunocytes ir lymphatic and lymphatic tiss responses. Expression of ICO IFN- $\gamma$ , TNF- $\alpha$ , or LPS, it can b mainly regulates the secretic been reported that the ICOS/	immune responses. ICOSLG, which is immune responses. ICOSLG, which is es, is an important molecule in upre SLG in naive B cells and monocytes in e quickly up-regulated. The induced e	
References	1. Ishikawa K. et al. (1998) DN/ 2. Yoshinaga SK. et al. (2000) I 3. Shen S. et al. (2011) Hybridc 4. Zhang G. et al. (2020) Biome	nt Immunol. 12(10):1439-47. Ima. 30(4):361-8.	
Synonyms	B7H2, ICOSLG, B7 H2, B7-like	protein Gl50, B7-related protein 1	

## Selected Validation Data





Purity of Recombinant Human ICOSLG was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue. Immobilized Human ICOSLG (Myc tag, His tag) at 0.5  $\,\mu$  g/mL (100  $\,\mu$  L/well) can bind Human ICOS (hFc tag, Myc tag, His tag) with a linear range of 6-24 ng/mL

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.