

Active GMP Recombinant Human ICOSLG protein

Cat. No. ICOSLG-947HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human ICOSLG protein(NP_056074.1)(239 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human B7-H2 (NP_056074.1) was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	The linear range of immobilized Human ICOS (Fc Tag) at 2ug/mL (100 uL/well) that can bind to human B7-H2 (His Tag) is 2-100ng/mL.
Molecular Mass	Recombinant Human B7-H2 protein contains 239 aa. It has a predicted MW of 28.4 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	ICOSLG inducible T-cell co-stimulator ligand [Homo sapiens]
------------------	---

Official Symbol	ICOSLG
------------------------	--------

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

Gene ID	23308
----------------	-------

mRNA Refseq	NM_015259
--------------------	-----------

Protein Refseq	NP_056074
-----------------------	-----------

MIM	605717
------------	--------

UniProt ID	O75144
-------------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA