

Product information

ICOSLG, 19-256aa

Human, hlgG-His-tagged, Recombinant, Insect cell

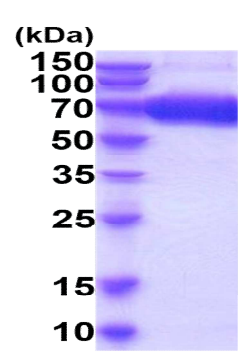
Cat. No. IBATGP3600

Full name: ICOS ligand isoform a

NCBI Accession No.: NP_056074

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

Description: ICOSLG, also known as ICOS ligand isoform a, is a member of the B7 family of co-stimulatory molecules related to B7-1 and B7-2. This protein is a transmembrane glycoprotein with extracellular IgV and IgC domains, and binds to ICOS on activated T cells. Its dependent signaling may play an active role in a proliferative response rather than in cytokine and chemokine production. Recombinant human ICOSLG, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

<p>Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.</p> <p>Molecular Weight: 53.7kDa (480aa) 50-70kDa (SDS-PAGE under reducing conditions.)</p> <p>Predicted N terminal: Ala</p> <p>Purity: > 90% by SDS - PAGE.</p> <p>Concentration: 1.0mg/ml (determined by Absorbance at 280nm)</p> <p>Endotoxin Level: < 1.0 EU per 1µg of protein (determined by LAL method)</p>	 <p>15% SDS-PAGE (3µg)</p>
--	--

Sequences of amino acids:

ADPDTQEKEV RAMVGSDEL SCACPEGSRF DLNDVYVYWQ TSESKTVVTY HIPQNSSLEN VDSRYRNRAL MSPAGMLRGD FSLRLFNVT
QDEQKFHCLV LSQSLGFQEV LSVETLHVA ANFSVPVSA PHSPSQDEL FTCTSINGYP RPNVYWINKT DNSLLDQALQ NDTVFLNMRG
LYDVSVLRI ARTPSVNI GC IENVLLQQN LTVGSQTGND IGERDKITEN PVSTGEKNAA TLEPKSCDKT HTCPCPAPE LLGGPSVFLE
PPKPKDTLMI SRTPEVTCVV VDVSHEDPEV KFNWYVDGVE VHNAKTKPRE EQYNSTYRVV SVLTVLHQDW LNGKEYKCKV SNKALPAPIE
KTISKAKGQP REPQVYTLPP SRDELTKNQV SLTCLVKGFY PSDIAVEWES NGQPENNYKT TPPVLDSGDS FFLYSKLTVD KSRWQQGNVF
SCSVMHEALH NHYTQKSLSL SPGKHHHHHH

General references:

Maazi H., *et al*, (2015) *Immunity* 42:538-551.

Shen C., *et al*, (2014) *Clin. Exp. Allergy* 44:831-841.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA

Phone: (888) 523-1246 Fax.: (763) 780-2988

Email: info@ibl-america.com Web: www.ibl-america.com

Product information

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA
Phone: (888) 523-1246 Fax.: (763) 780-2988
Email: info@ibl-america.com Web: www.ibl-america.com