

Datasheet for ABIN5854908

## ICOSLG Protein (AA 19-256) (hIgG-His-tag)



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### 1 Image

#### Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 50 µg  |
| Target:                       | ICOSLG   |
| Protein Characteristics:      | AA 19-256  |
| Origin:                       | Human  |
| Source:                       | Baculovirus infected Insect Cells                  |
| Protein Type:                 | Recombinant  |
| Purification tag / Conjugate: | This ICOSLG protein is labelled with hIgG-His-tag. |
| Application:                  | SDS-PAGE (SDS)                                     |

#### Product Details

|                  |   |
|------------------|---|
| Sequence:        | DTQEKEV RAMVGSDVEL SCACPEGSRF DLNDVYVYWQ TSESKTVVTY HIPQNSSLEN<br>VDSRYRNRAL MSPAGMLRGD FSLRLFNVTP QDEQKFHCLV LSQSLGFQEV LSVEVTLHVA<br>ANFSVPVWSA PHSPSQDELT FTCTSINGYP RPNVYWINKT DNSLLDQALQ NDTVFLNMRG<br>LYDVVSVLRI ARTPSVNIGC CIENVLLQQN LTVGSQTGND IGERDKITEN PVSTGEKNAA T |
| Purity:          | > 90% by SDS-PAGE   |
| Endotoxin Level: | < 1 EU per 1 µg of protein (determined by LAL method)   |

#### Target Details

|                   |   |
|-------------------|---|
| Target:           | ICOSLG  |
| Alternative Name: | B7-H2 ( <a href="#">ICOSLG Products</a> )   |
| Background:       | ICOSLG, also known as ICOS ligand isoform a, is a number of the B7 family of co-stimulatory |

## Target Details

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 hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 53.7 kDa (480aa)

NCBI Accession: [NP\\_056074](#)

UniProt: [O75144](#)

Pathways: [Production of Molecular Mediator of Immune Response, Activated T Cell Proliferation](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

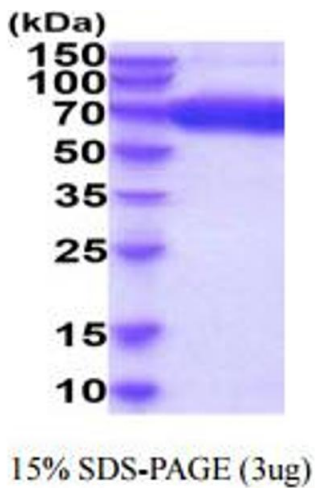
Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



| SDS-PAGE |
|----------|
| Image 1. |