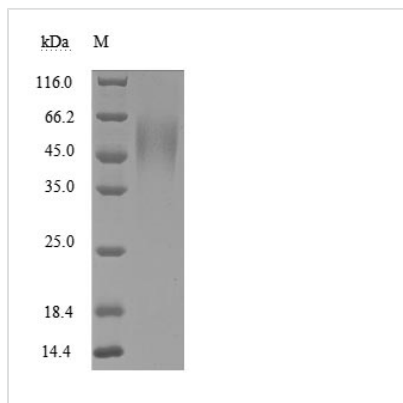


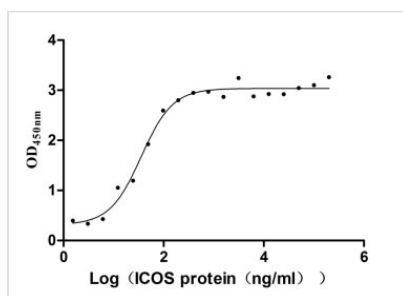


# Recombinant Human ICOS ligand (ICOSLG), partial (Active)

<b>Product Code</b>	CSB-MP010958HU1
<b>Relevance</b>	Ligand for the T-cell-specific cell surface receptor ICOS. Acts as a costimulatory signal for T-cell proliferation and cytokine secretion; induces also B-cell proliferation and differentiation into plasma cells.
<b>Abbreviation</b>	Recombinant Human ICOSLG protein, partial (Active)
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	O75144
<b>Form</b>	Lyophilized powder
<b>Product Type</b>	Others
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA. Immobilized ICOSLG at 2 µg/ml can bind human ICOS (CSB-MP707478HU), the EC <sub>50</sub> of human ICOSLG protein is 29.04-43.59 ng/ml.
<b>Purity</b>	Greater than 95% as determined by SDS-PAGE.
<b>Sequence</b>	DTQEKEVRAMVGSDELSCACPEGSRFDLNDVYVYWQTSESKTVVTYHIPQN SSENVDSRYRNRALMSPAGMLRGDFSLRLFNVTPQDEQKFHCLVLSQSLGF QEVLSVEVTLHVAANFSVPVVSAPHSPSQDELFTFTCTTSINGYPRPNVYWINKT DNSLLDQALQNDTVFLNMRGLYDVVSVLRIARTPSVNIGCCIEENVLLQQNLTVG SQTGNDIGERDKITENPVSTGEKNAATWS
<b>Research Area</b>	Cancer
<b>Source</b>	Mammalian cell
<b>Target Names</b>	ICOSLG
<b>Expression Region</b>	19-258aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	C-terminal 6xHis-tagged
<b>Mol. Weight</b>	28.9 kDa
<b>Protein Length</b>	Partial
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



**Activity**  
Measured by its binding ability in a functional ELISA. Immobilized ICOSLG at 2 µg/ml can bind human ICOS (CSB-MP707478HU), the EC<sub>50</sub> of human ICOSLG protein is 29.04-43.59 ng/ml.

### Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

### Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.