

## Product datasheet for **TP700281**

### ICOS Ligand (ICOSLG) (NM\_015259) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of human inducible T-cell co-stimulator ligand (ICOSLG), with C-terminal DDK/His tag, expressed in human cells, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC208975, encoding the region (Asp19 – Ser258) of human ICOSLG
Tag:	C-DDK/His
Predicted MW:	29 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	PBS, pH 7.4, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_056074</a>
Locus ID:	23308
UniProt ID:	<a href="#">O75144</a> , <a href="#">A0N0L8</a>
RefSeq Size:	3320
Cytogenetics:	21q22.3
RefSeq ORF:	906
Synonyms:	B7-H2; B7h; B7H2; B7RP-1; B7RP1; CD275; GL50; ICOS-L; ICOSL; LICOS



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**Summary:**

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. Could play an important role in mediating local tissue responses to inflammatory conditions, as well as in modulating the secondary immune response by co-stimulating memory T-cell function (By similarity).[UniProtKB/Swiss-Prot Function]

**Protein Families:**

Transmembrane

**Protein Pathways:**

Cell adhesion molecules (CAMs)

**Product images:**