

## Product datasheet for **TP721079**

### ICOS (NM\_012092) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human inducible T-cell co-stimulator (ICOS)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Glu21-Phe141
Tag:	C-Fc
Predicted MW:	40.8 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH <sub>2</sub> O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_036224</a>
Locus ID:	29851
UniProt ID:	<a href="#">Q9Y6W8</a> , <a href="#">Q53QY6</a>
RefSeq Size:	2652
Cytogenetics:	2q33.2
RefSeq ORF:	597
Synonyms:	AILIM; CD278; CVID1



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<b>Summary:</b>	The protein encoded by this gene belongs to the CD28 and CTLA-4 cell-surface receptor family. It forms homodimers and plays an important role in cell-cell signaling, immune responses, and regulation of cell proliferation. [provided by RefSeq, Jul 2008]
<b>Protein Families:</b>	Secreted Protein, Transmembrane
<b>Protein Pathways:</b>	Cell adhesion molecules (CAMs), Primary immunodeficiency, T cell receptor signaling pathway