

Human CellExp™ ICOS / CD278, Human recombinant
ICOS, CD278, AILIM
Catalog # PBV11482r**Specification**

Human CellExp™ ICOS / CD278, Human recombinant - Product infoPrimary Accession
Calculated MW[NP_036224](#)**This protein is fused with a Fc tag at C-terminus and has a calculated MW of 40.4 kDa. KDa****Human CellExp™ ICOS / CD278, Human recombinant - Additional Info****Other Names**

ICOS, CD278, AILIM

Gene Source

Source

Recombinant

Target/Specificity

CD278

Human**HEK 293 cells****Yes****Application Notes**

Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml

Format

Lyophilized

Storage

-20°C;Lyophilized

Human CellExp™ ICOS / CD278, Human recombinant - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp™ ICOS / CD278, Human recombinant - Images**Human CellExp™ ICOS / CD278, Human recombinant - Background**

Inducible T-cell costimulator (ICOS) is also known as Activation-inducible lymphocyte

immunomediatory molecule (AILIM), CD278, which belongs to the CD28 family of immune costimulatory receptors consisting of CD28, CTLA-4 and PD-1. ICOS enhances all basic T-cell responses to a foreign antigen, namely proliferation, secretion of lymphokines, up-regulation of molecules that mediate cell-cell interaction, and effective help for antibody secretion by B-cells. CD278 / ICOS prevents the apoptosis of pre-activated T-cells and also plays a critical role in CD40-mediated class switching of immunoglobulin isotypes.