

32-9636: Recombinant Cynomolgus ICOS/AILIM/CD278 (C-Fc)

Alternative Name : Inducible T-cell costimulator; activation-inducible lymphocyte immunomediatory molecule; CD278; AILIM; CVID1; ICOS

Description

Source : Human Cells;

Inducible T-cell costimulator, also known as activation-inducible lymphocyte immunomediatory molecule, CD278, AILIM, CVID1 and ICOS, belongs to the CD28 and CTLA4 cell surface receptor family. ICOS contains one Ig-like V-type domain and exists as a homodimer with disulfide-linked. ICOS is highly expressed on tonsillar T-cells and can be induced by PMA and ionomycin. ICOS plays an important role in cell-cell signaling, immune responses, and regulation of cell proliferation. Defects in ICOS are the cause of immunodeficiency common variable type 1, which is a primary immunodeficiency characterized by antibody deficiency, hypogammaglobulinemia, recurrent bacterial infections and an inability to mount an antibody response to antigen.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Amino Acid : Recombinant Cynomolgus Inducible T-cell Costimulator is produced by our Mammalian expression system and the target gene encoding Gly20-Lys140 is expressed with a Fc tag at the C-terminus.