

Product datasheet for **TP727839**

ICOS Cynomolgus Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Cynomolgus ICOS/AILIM/CD278 (C-Fc)
Species:	Cynomolgus
Expression cDNA Clone or AA Sequence:	Gly20-Lys140
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,pH7.4.
Note:	Recombinant Rhesus macaque 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.
Stability:	12 months from date of despatch
Locus ID:	705788
Summary:	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.



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