

## Product datasheet for **TP727863**

### Cynomolgus Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Cynomolgus GITR Ligand (C-6His)
Species:	Cynomolgus
Expression cDNA Clone or AA Sequence:	Glu74-Ser199
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,pH7.4.
Note:	Recombinant Cynomolgus TNF Superfamily Member 18 is produced by our Mammalian expression system and the target gene encoding Glu74-Ser199 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Summary:	TNFSF18 is a single-pass type II membrane protein. It is expressed at high levels in the small intestine, ovary, testis, kidney and endothelial cells. TNFSF18 cytokine binds to TNFRSF18/AITR/GITR. It regulates T-cell responses, and functions as costimulator and lower the threshold for T-cell activation and T-cell proliferation. It is Important for interactions between activated T-lymphocytes and endothelial cells and Promotes leukocyte adhesion to endothelial cells. TNFSF18 mediates activation of NF-kappa-B. As Triggers increased phosphorylation of STAT1 and up-regulates expression of VCAM1 and ICAM1. It also regulates migration of monocytes from the splenic reservoir to sites of inflammation.



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