

## Product datasheet for **TP727061**

### Cynomolgus Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant Cynomolgus CD47 molecule/CD47(C-Fc)
<b>Species:</b>	Cynomolgus
<b>Expression cDNA Clone or AA Sequence:</b>	Gln19-Pro139
<b>Tag:</b>	C-Fc
<b>Buffer:</b>	Lyophilized from a 0.2 um filtered solution of 50 mM Tris, 100 mM Glycine, pH7.5.
<b>Note:</b>	Recombinant Rhesus macaque CD47 molecule is produced by our Mammalian expression system and the target gene encoding Gln19-Pro139 is expressed with a Fc tag at the C-terminus.
<b>Stability:</b>	12 months from date of despatch
<b>Summary:</b>	CD47(Integrin-Associated Protein,IAP) is a 40 ~ 60 kDa variably glycosylated atypical member of the immunoglobulin superfamily. The ubiquitously expressed CD47 binds to SIRP family members on macrophages, neutrophils, and T cells. CD47 is involved in the increase in intracellular calcium concentration that occurs upon cell adhesion to extracellular matrix. The protein is also a receptor for the C-terminal cell-binding domain of thrombospondin, and it may play a role in membrane transport and signal transduction. This protein has broad tissue distribution, and is reduced in expression on Rh erythrocytes.



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