

## Product datasheet for **TP724703**

### Cynomolgus Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant Cynomolgus CD47 (C-His)
<b>Species:</b>	Cynomolgus
<b>Expression cDNA Clone or AA Sequence:</b>	Gln19-Glu141
<b>Tag:</b>	C-His
<b>Buffer:</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
<b>Note:</b>	Recombinant Cynomolgus CD47 (C-His) is produced by Human Cells. The target gene encoding Gln19-Glu141 is expressed with a C-His tag.
<b>Stability:</b>	12 months from date of despatch
<b>Summary:</b>	Leukocyte surface antigen CD47 is also known as Antigenic surface determinant protein OA3, Integrin-associated protein (IAP) and Protein MER6. CD47 contains 1 Ig-like V-type (immunoglobulin-like) domain. CD47 is very broadly distributed on normal adult tissues. CD47 has a role in both cell adhesion by acting as an adhesion receptor for THBS1 on platelets, and in the modulation of integrins and plays an important role in memory formation and synaptic plasticity in the hippocampus by similarity. CD47 is the receptor for SIRPA, binding to which prevents maturation of immature dendritic cells and inhibits cytokine production by mature dendritic cells. CD47 Interaction with SIRPG mediates cell-cell adhesion, enhances superantigen-dependent T-cell-mediated proliferation and costimulates T-cell activation.



[View online »](#)