

## Product datasheet for **TP727857**

### CD47 Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human CD47 (C-mFc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gln19-Pro139
Tag:	C-mFc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human Leukocyte Surface Antigen CD47 is produced by our Mammalian expression system and the target gene encoding Gln19-Pro139 is expressed with a mFc tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	961
UniProt ID:	<a href="#">Q08722</a>
Summary:	CD47(Integrin-Associated Protein,IAP) is a 40 â€ 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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