

Product datasheet for **TP724804**

CD47 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human CD47 (C-His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gln19-Pro139
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4
Note:	Recombinant Human CD47 is produced by Human 293 Cells. The target gene encoding Gln19-Pro139 is expressed with a 6His tag at the C terminus.
Stability:	12 months from date of despatch
Locus ID:	961
UniProt ID:	Q08722
Summary:	Leukocyte surface antigen CD47 belongs to the immunoglobulin superfamily. It is broadly distributed on normal adult tissues, as well as ovarian tumors, being especially abundant in some epithelia and the brain. CD47 has a role in both cell adhesion by acting as an adhesion receptor for THBS1 on platelets and in the modulation of integrins. It may prevent premature elimination of red blood cells and is involved in membrane permeability changes induced following virus infection. CD47 also plays an important role in memory formation and synaptic plasticity in the hippocampus by similarity.



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