

## Product datasheet for **TP726732**

### CD59 Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human CD59 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Leu26-Asn102
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.
Note:	Recombinant Human CD59 Glycoprotein is produced by our Mammalian expression system and the target gene encoding Leu26-Asn102 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	966
UniProt ID:	<a href="#">P13987</a>
Summary:	CD59, also known as membrane attack complex inhibition factor (MACIF), Protectin, 1F5 antigen, HRF-20 and MIRL, is an approximately 20 kDa GPI anchored glycoprotein that is an important regulator of the complement system in blood. CD59 is a potent inhibitor of the complement membrane attack complex (MAC) action. CD59 was first identified as a regulator of the terminal pathway of complement. It acts by binding to the C8 and/or C9 complements of the assembling MAC, thereby preventing incorporation of the multiple copies of C9 required for complete formation of the osmolytic pore. This inhibitor appears to be species-specific. CD59 is involved in signal transduction for T-cell activation complexed to a protein tyrosine kinase.



[View online »](#)