

## Human CD35(CR1)

Cat No.: 03-01-0364

Product Name: Human CD35(CR1)

Description: CD35, also called as Complement Receptor type 1 (CR1), is

a member of the regulators of complement activation (RCA)

family. The protein mediates cellular binding to particles and

immune complexes that have activated complement.

Decreases in expression of this protein and/or mutations in

its gene have been associated with gallbladder carcinomas,

mesangiocapillary glomerulonephritis, systemic lupus

erythematosus and sarcoidosis. In primates, CR1 serves as

the main system for processing and clearance of

complement opsonized immune complexes. It has been

shown that CR1 can act as a negative regulator of the

complement cascade, mediate immune adherence and

phagocytosis and inhibit both the classic and alternative

pathways. The number of CR1 molecules decreases with

aging of erythrocytes in normal individuals and is also

decreased in pathological conditions such as systemic lupus

erythematosus (SLE), HIV infection, some haemolytic

anaemia s and other conditions featuring immune

complexes. In mice, CR1 is an alternatively spliced variant of

the complement receptor 2 (CR2) gene.

Type: Protein

Property: Recombinant Protein

Source: HEK293

Genbank No.: P17927 (aa.42-1971)

Applications: ELISA, WB, Immunogen

Formulation: Each vial contains 50ug purified protein(1mg/ml) in

PBS(pH7.4).

Purity: >95%

Storage: Store at -80°C, Avoid freeze / thaw cycle.

Limitation: For research use only, not for use in diagnostic procedures.