

PRODUCT INFORMATION

CD47 Target

Synonyms IAP; OA3; MER6

Recombinant Cynomolgus CD47 protein with C-**Description**

terminal human Fc tag

Delivery In Stock

Uniprot ID A0A2K5X4H8

Expression Host HEK293

Tag C-Human Fc tag

Molecular

Molecular Weight

Reconstitution

CD47(Gln19-Glu141) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

40.0 kDa after removal of the signal peptide. The apparent molecular mass of cCD47-hFc is

approximately 55-100 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation &

- 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a membrane protein, which is involved in the increase in intracellular calcium concentration that occurs upon cell adhesion to extracellular matrix. The encoded 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 **Background**

gene has broad tissue distribution, and is reduced in expression on Rh erythrocytes. Alternatively spliced transcript variants have been found for

this gene. [provided by RefSeq, Jul 2010]

Usage Research use only

Unconjugated Conjugate





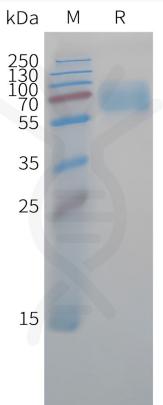


Figure 1. Cynomolgus CD47 Protein, hFc Tag on SDS-PAGE under reducing condition.



