

# Recombinant Cynomolgus/Rhesus macaque CD47 protein, His-tagged

**Cat. No.** CD47-674C    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Cynomolgus/Rhesus macaque CD47 protein(XP_005548291.1/NP_001253446.1) (Met1-Asn142) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Cynomolgus/Rhesus macaque
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Asn142
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant cynomolgus / rhesus CD47 consists of 135 amino acids and predicts a molecular mass of 15.5 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution**

It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

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