

Recombinant Rhesus CD27 protein(Met1-Ile192), hFc-tagged

Cat. No. CD27-493R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus CD27 (XP_001104337.1) (Met1-Ile192) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Met1-Ile192
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Immobilized Rhesus CD27-Fc at 10 µg/ml (100 µl/well) can bind biotinylated human CD70-Fc, The EC50 of biotinylated human CD70-Fc is 10.9-25.3 ng/ml.
Molecular Mass	The recombinant rhesus comprises 413 amino acids and has a calculated molecular mass of 46.3 KDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	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 that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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