

# Active Recombinant Monkey CD27 Protein, Fc-tagged, FITC conjugated

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

## SPECIFICATION

<b>Product Overview</b>	FITC conjugated recombinant Rhesus CD27(Met1-Ile192) fused with Fc region of human IgG1 at C-terminal was expressed in HEK293.
<b>Species</b>	Monkey
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Ile192, 413
<b>Description</b>	CD27 played an important role in many functions.
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	46.3 kDa
<b>N-terminal Sequence Analysis</b>	Thr 21
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Purity</b>	(87.6+8.4) % as determined by SDS-PAGE

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<b>Characteristic</b>	<p>Disulfide-linked homodimer</p> <p>Labeled with FITC via amines</p> <p>Excitation source: 488 nm spectral line, argon-ion laser</p> <p>Excitation Wavelength: 488 nm</p> <p>Emission Wavelength: 535 nm</p>
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.
<b>Shipping</b>	Shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.
<b>Conjugation</b>	FITC

## GENE INFORMATION

<b>Gene Name</b>	CD27 CD27 molecule [ <i>Macaca mulatta</i> ]
<b>Official Symbol</b>	CD27
<b>Synonyms</b>	TNFRSF7; CD27L receptor; tumor necrosis factor receptor superfamily, member 7
<b>Gene ID</b>	712693

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