

Recombinant Cynomolgus/Rhesus macaque TNFRSF9 protein, His-tagged

Cat. No. TNFRSF9-1233C **Lot. No.** (See product label)

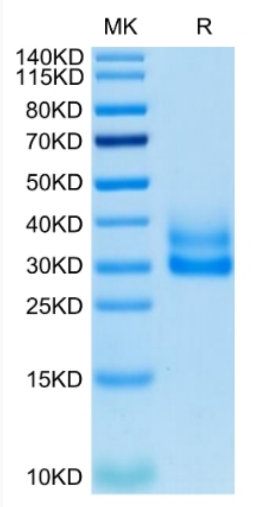
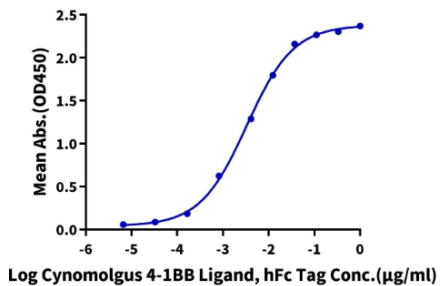
SPECIFICATION

Product Overview	Recombinant Cynomolgus/Rhesus macaque TNFRSF9 protein(XP_005544945.1)(Leu24-Gln186), fused with C-terminal His tag, was expressed in HEK293.
Species	Cynomolgus/Rhesus macaque
Source	HEK293
ProteinLength	Leu24-Gln186
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Cynomolgus/Rhesus macaque 4-1BB, His Tag at 0.2µg/ml (100µl/Well) on the plate. Dose response curve for Cynomolgus 4-1BB Ligand, hFc Tag with the EC50 of 3.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 18.4 kDa. Due to glycosylation, the protein migrates to 30-40 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.

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Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC																
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.																
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.																
Tris-Bis PAGE																	
ELISA Data	Cynomolgus/Rhesus macaque 4-1BB, His Tag ELISA 0.02µg Cynomolgus/Rhesus macaque 4-1BB, His Tag Per Well  <table border="1"> <caption>Approximate data points from ELISA graph</caption> <thead> <tr> <th>Log Cynomolgus 4-1BB Ligand, hFc Tag Conc. (µg/ml)</th> <th>Mean Abs.(OD450)</th> </tr> </thead> <tbody> <tr><td>-6</td><td>0.05</td></tr> <tr><td>-5</td><td>0.05</td></tr> <tr><td>-4</td><td>0.10</td></tr> <tr><td>-3</td><td>0.20</td></tr> <tr><td>-2</td><td>0.80</td></tr> <tr><td>-1</td><td>1.80</td></tr> <tr><td>0</td><td>2.30</td></tr> </tbody> </table>	Log Cynomolgus 4-1BB Ligand, hFc Tag Conc. (µg/ml)	Mean Abs.(OD450)	-6	0.05	-5	0.05	-4	0.10	-3	0.20	-2	0.80	-1	1.80	0	2.30
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