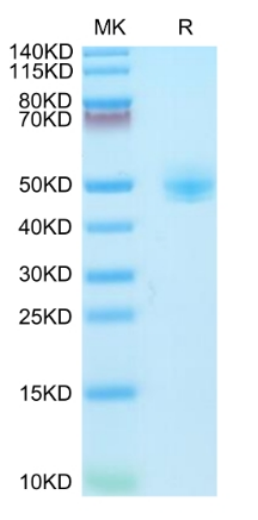
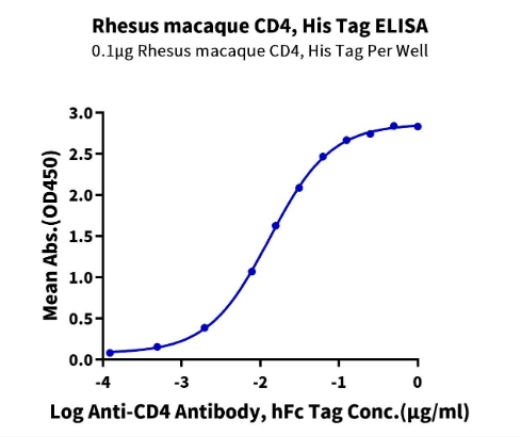
Recombinant Rhesus macaque CD4 protein, His-tagged

Cat. No. CD4-377R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus macaque CD4 protein(G7N5T8)(Lys26-Trp390), fused with C-terminal His tag, was expressed in HEK293.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Lys26-Trp390
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 Rhesus macaque CD4, His Tag at 1 μg/ml (100 μl/Well) on the plate. Dose response curve for Anti-CD4 Antibody, hFc Tag with the EC50 of 13.0 ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 41.5 kDa. Due to glycosylation, the protein migrates to 45-52 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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	

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