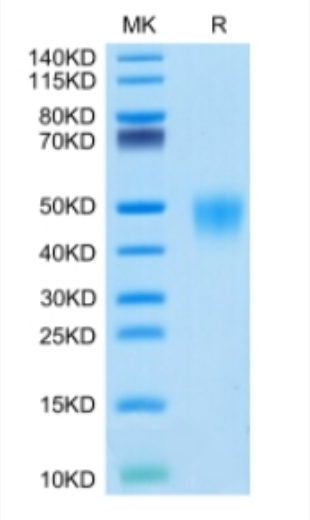
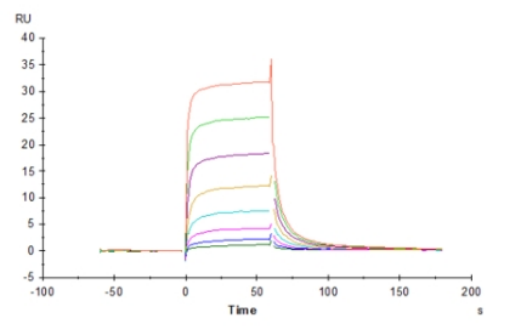
Recombinant Cynomolgus FCGR3 protein, His-tagged

Cat. No. FCGR3-283C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus FCGR3 protein(Q8SPW2-1)(Gly17-Gln208), fused with C-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Gly17-Gln208
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	Rituximab captured on CM5 Chip via Protein A can bind Cynomolgus Fc gamma RIII, His Tag with an affinity constant of 0.251 μM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 23.1 kDa. Due to glycosylation, the protein migrates to 45-55 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

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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	
SPR Data	

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