

Recombinant Cynomolgus FCGR2A protein, His-tagged

Cat. No. FCGR2A-1472C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus FCGR2A protein(Q8SPW4-1)(Gln28-Pro208), fused with C-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Gln28-Pro208
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	Cynomolgus Fc gamma RIIA, His Tag captured on CM5 Chip via Anti-his antibody can bind Rituximab with an affinity constant of 4.39 µM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 21.3 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.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

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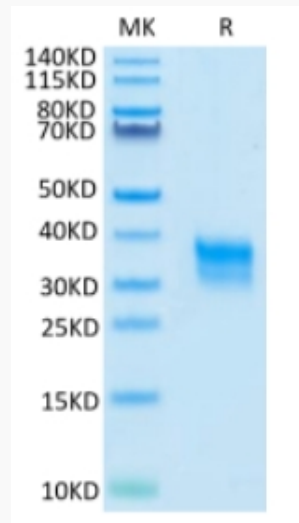
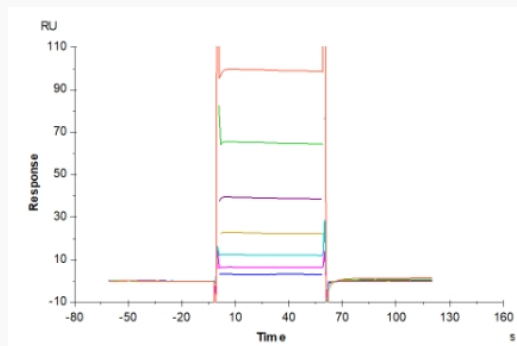
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Storage

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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