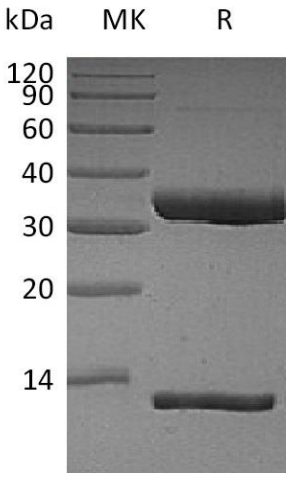
Recombinant Human FcRn Heterodimer (C-6His)

Catalog#:PHH0633

概述（Summary）

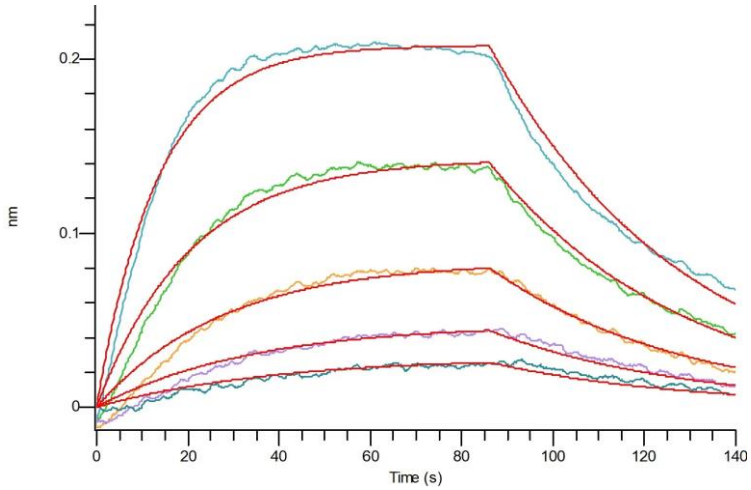
别称（Alternative Names）	IgG receptor FcRn; Neonatal Fc receptor; FCRN
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	【Ala24-Ser297&Ile21-Met119】-6His
Accession #	P61769
表达宿主（Host）	HEK293
种属（Species）	Human
预测分子量（Predicted MW）	31.2&11.7 kDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of 50mM HEPES, 150mM NaCl, pH7.4.
运输方式（Shipping）	The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles.
复溶（Reconstitution）	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图（SDS-PAGE image）

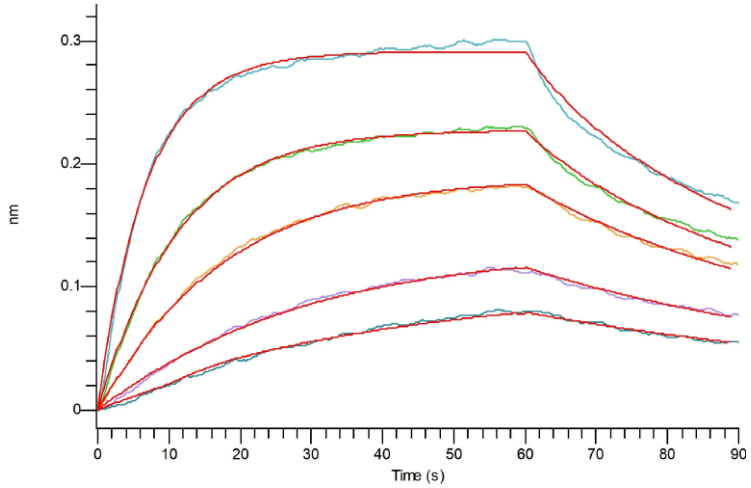


Greater than 95% as determined by reducing SDS-PAGE.

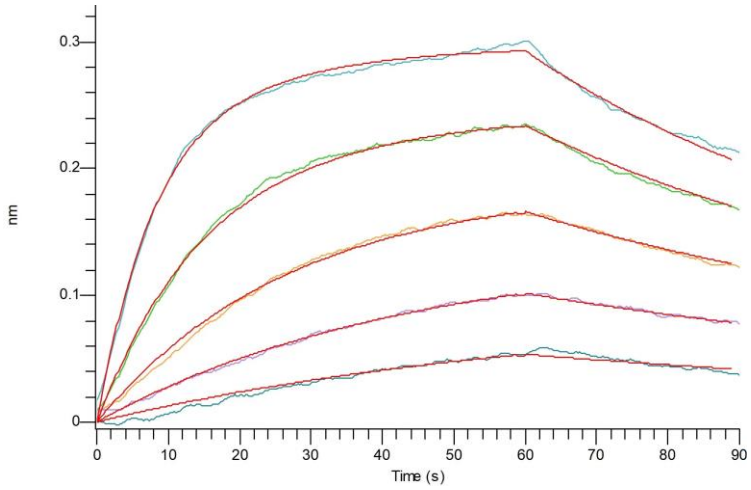
活性图（Bioactivity image）



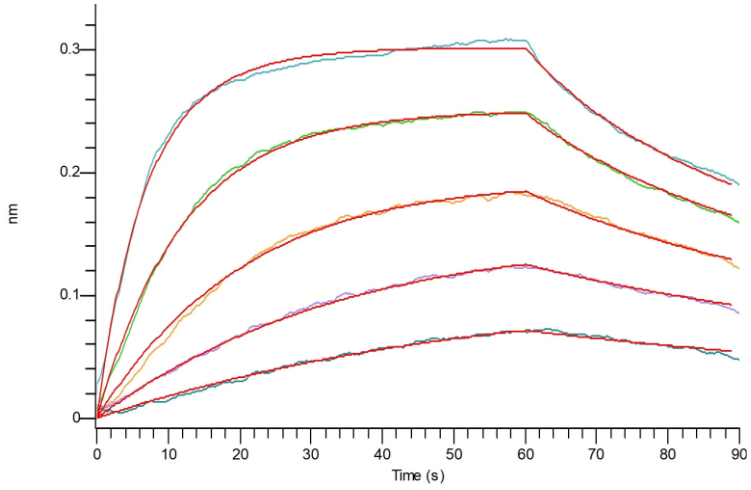
Loaded Recombinant Human FcRn Heterodimer (C-6His) on HIS1K Biosensor, can bind Anti-Human HER2 mAb (Human IgG1) with an affinity constant of 11.3 nM as determined in BLI assay. (Regularly tested)



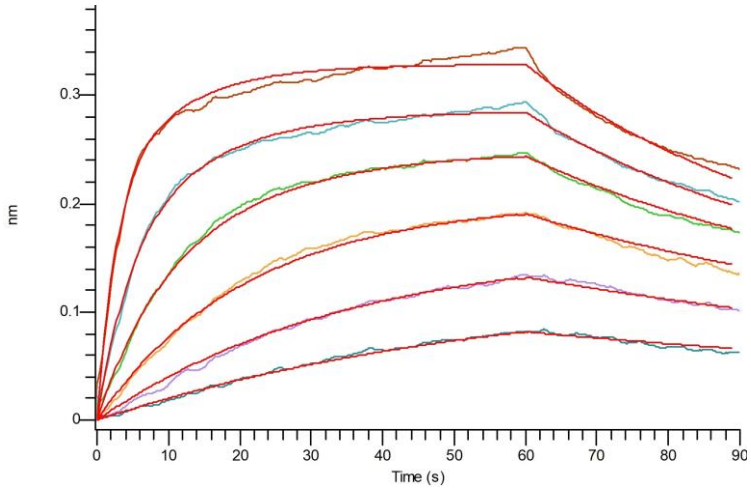
Loaded Recombinant Human FcRn Heterodimer (C-6His) on HIS1K Biosensor, can bind Anti-Human CD137 mAb (Human IgG4) with an affinity constant of 0.376 uM as determined in BLI assay. (Regularly tested)



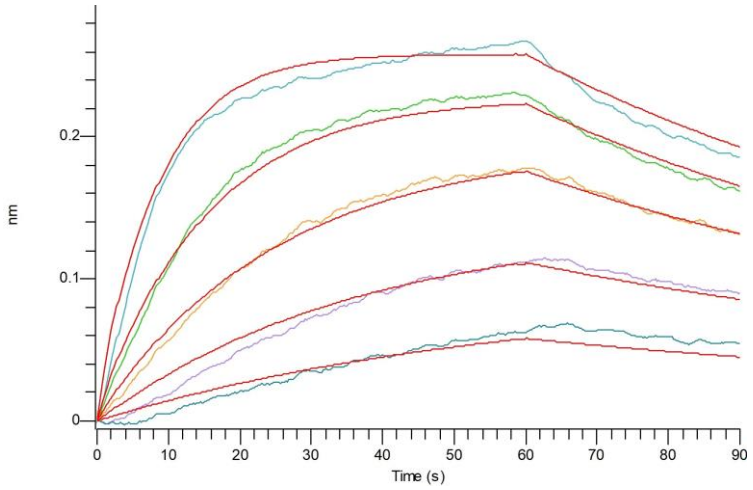
Loaded Recombinant Human FcRn Heterodimer (C-6His) on HIS1K Biosensor, can bind Recombinant Human IgG1 Fc with an affinity constant of 98.6 nM as determined in BLI assay. (Regularly tested)



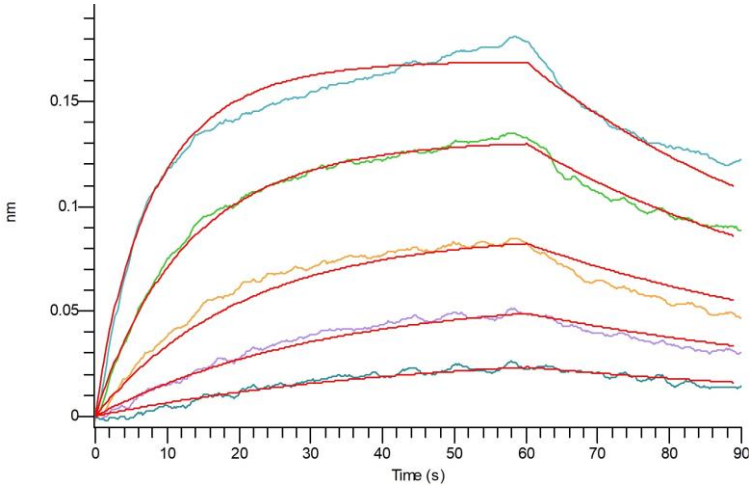
Loaded Recombinant Human FcRn Heterodimer (C-6His) on HIS1K Biosensor, can bind Recombinant Human IgG1 Fc with an affinity constant of 0.265 uM as determined in BLI assay. (Regularly tested)



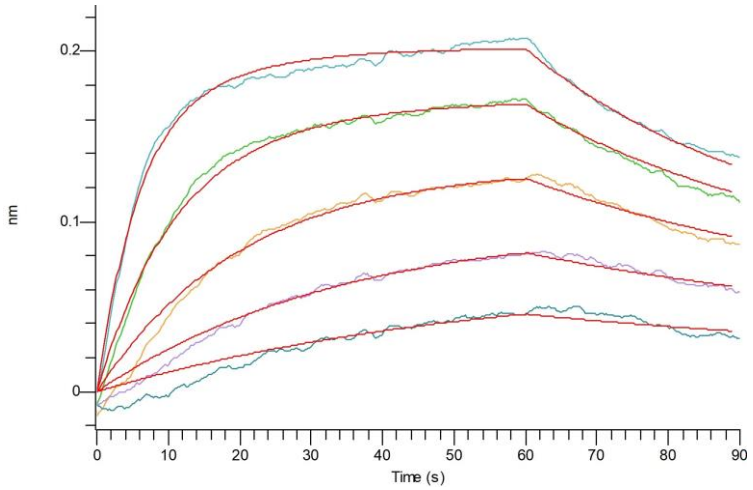
Loaded Recombinant Human FcRn Heterodimer (C-6His) on HIS1K Biosensor, can bind Recombinant Human IgG2 Fc (223AA) with an affinity constant of 85.7 nM as determined in BLI assay. (Regularly tested)



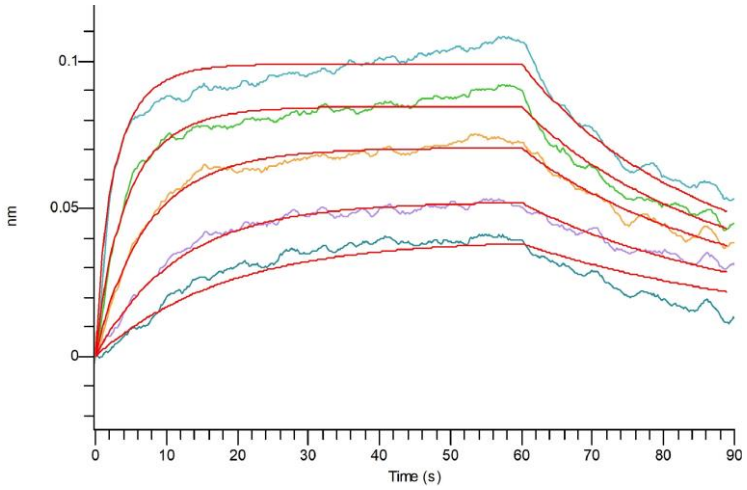
Loaded Recombinant Human FcRn Heterodimer (C-6His) on HIS1K Biosensor, can bind Recombinant Human IgG2 Fc (228AA) with an affinity constant of 74.5 nM as determined in BLI assay. (Regularly tested)



Loaded Recombinant Human FcRn Heterodimer (C-6His) on HIS1K Biosensor, can bind Recombinant Human IgG3 Fc with an affinity constant of 0.101 uM as determined in BLI assay. (Regularly tested)



Loaded Recombinant Human FcRn Heterodimer (C-6His) on HIS1K Biosensor, can bind Recombinant Human IgG4 Fc (228AA) with an affinity constant of 0.127 uM as determined in BLI assay. (Regularly tested)



Loaded Recombinant Human FcRn Heterodimer (C-6His) on HIS1K Biosensor, can bind Recombinant Human IgG4 Fc (224AA) with an affinity constant of 48 nM as determined in BLI assay. (Regularly tested)

注意事项（Note）

For Research Use Only , Not for Diagnostic Use.