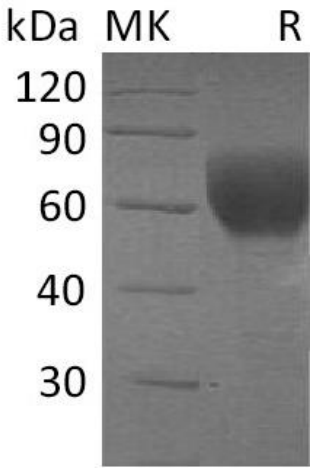
Recombinant Human TGFBR2 (C-Fc)

Catalog#:PHH1625

概述（Summary）

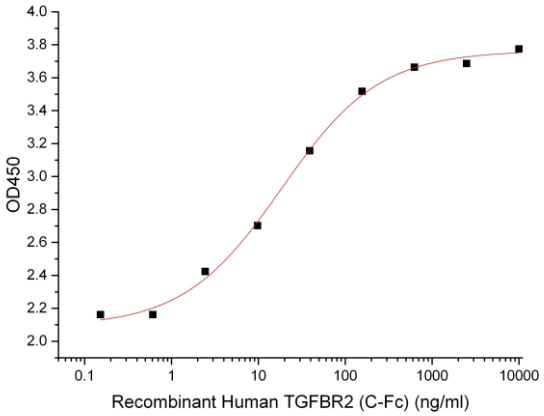
别称（Alternative Names）	TGF-beta receptor type-2; TGF-beta type II receptor;TGFBR2; Transforming growth factor-beta receptor type II
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	【Thr23-Asp159】-Fc
Accession #	P37173
表达宿主（Host）	HEK293
种属（Species）	Human
预测分子量（Predicted MW）	42.6 kDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
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）

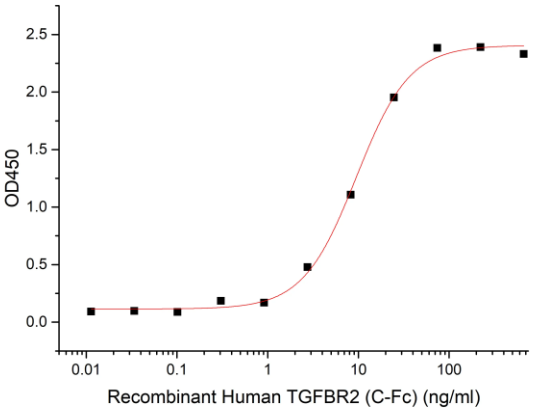


Greater than 95% as determined by reducing SDS-PAGE. (QC verified)

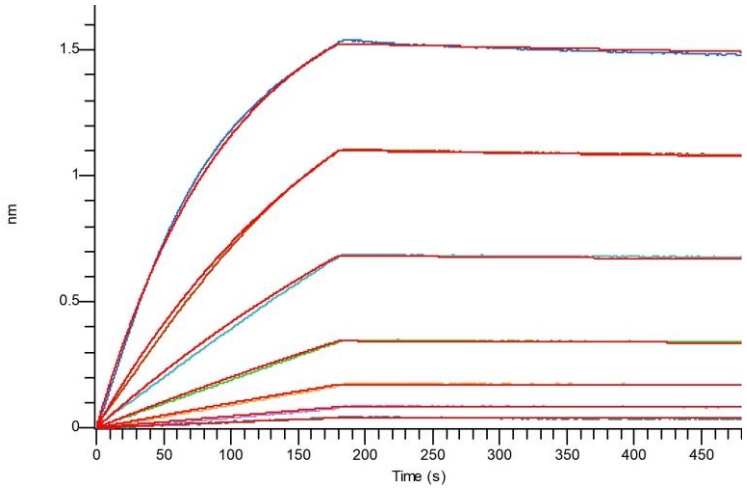
活性图（Bioactivity image）



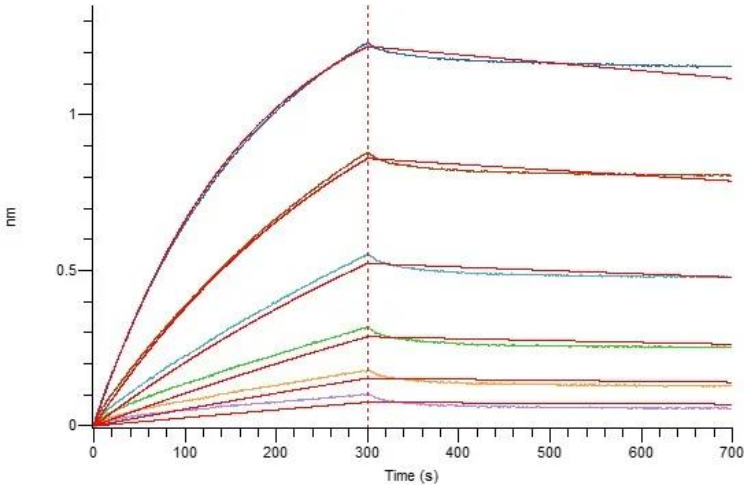
Measured by its ability to inhibit TGF-beta 1 activity on TF□1 human erythroleukemic cells. The ED50 for this effect is 18.41 ng/ml in the presence of 100pg/ml of recombinant human TGF-beta 1. (Regularly tested)



Immobilized Biotinylated Human TGF-beta 1-Avi at 2μg/ml (100 μl/well) can bind Human TGFBR2-Fc.The ED50 of Human TGFBR2-Fc is 9.47ng/ml. (Regularly tested)



Loaded Biotinylated Human TGF-beta 1 on SA Biosensor, can bind Recombinant Human TGFBR2 with an affinity constant of 0.927nM as determined in BLI assay. (Regularly tested)



Loaded Biotinylated Human TGF-beta 3 on SA Biosensor, can bind Human TGFBR2-Fc with an affinity constant of 0.38 nM as determined in BLI assay. (Regularly tested)

注意事项（Note）

For Research Use Only , Not for Diagnostic Use.