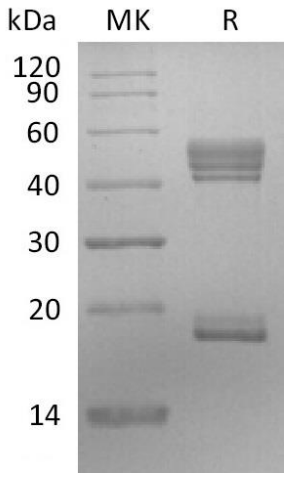
Recombinant Human IL-23 (C-6His)

Catalog#:PHH2109

概述（Summary）

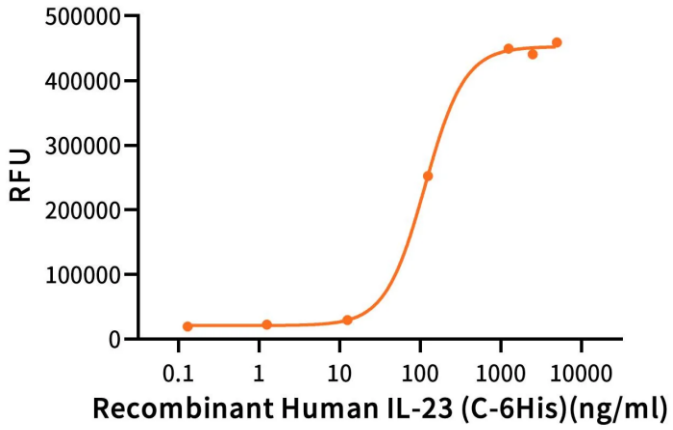
别称（Alternative Names）	SGRF; IL-23p19; CLMF p40; IL-12 subunit p40; NKSF2
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	【Arg20-Pro189&Ile23-Ser328】-6His
Accession #	Q9NPF7&P29460
表达宿主（Host）	HEK293
种属（Species）	Human
预测分子量（Predicted MW）	19.7&34.8 kDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 200mM Trehalose, 4% Mannitol, 50mM NaCl, 0.02% Tween80, pH7.5.
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）

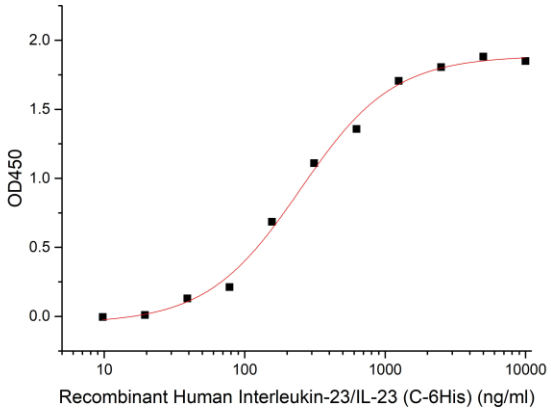


Greater than 95% as determined by reducing SDS-PAGE.

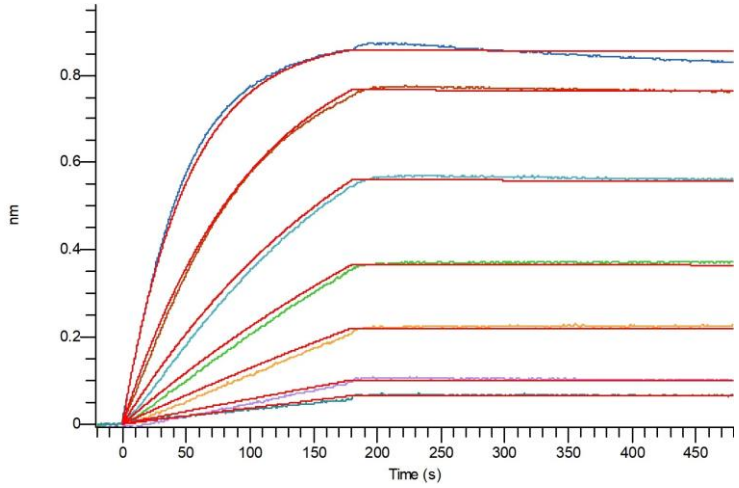
活性图（Bioactivity image）



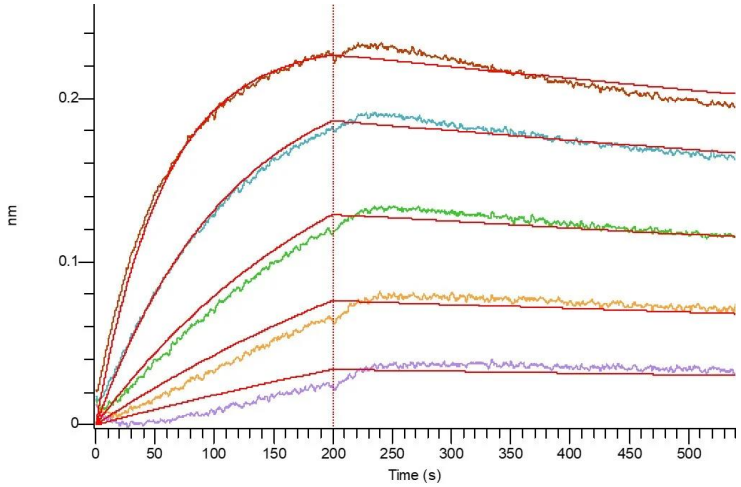
Measured by its ability to induce STAT reporter activity in 293F human embryonic kidney cells. The ED50 for this effect is 70-210 ng/ml. (QC verified)



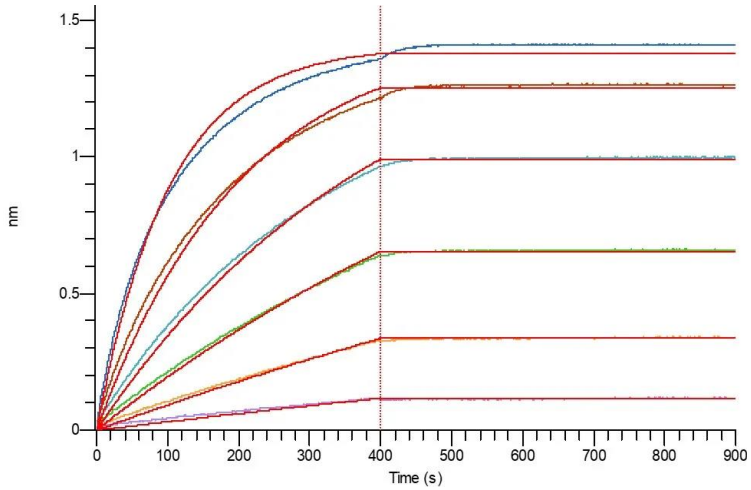
Immobilized Human IL-23R-Fc at 10μg/ml (100 μl/well)can bind Human IL-23-His.The ED50 of Human IL-23-His is 0.248 ug/ml.



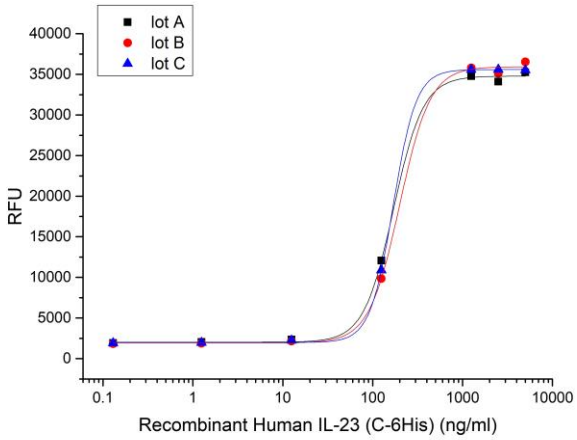
Loaded Ustekinumab on Pro-A Biosensor, can bind Recombinant Human IL-23 (C-6His) with an affinity constant of 40.7 pM as determined in BLI assay. (Regularly tested)



Loaded Human IL-23R-Fc on Protein A Biosensor, can bind Human IL-23-His with an affinity constant of 0.98 nM as determined in BLI assay.



Loaded Anti-Human IL23-P19 mAb-Fc on Protein A Biosensor, can bind Human IL-23-His with an affinity constant of 2.2 pM as determined in BLI assay.



注意事项（Note）

For Research Use Only , Not for Diagnostic Use.