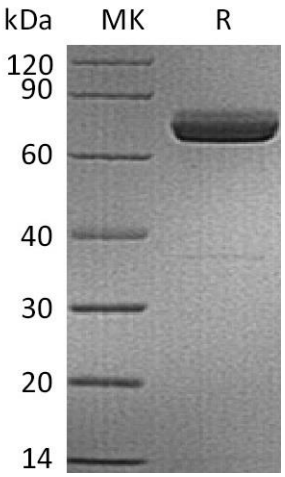
Recombinant Human IL-23A & Mouse IL-12B Heterodimer (C-6His)

Catalog#:PHV2090

概述（Summary）

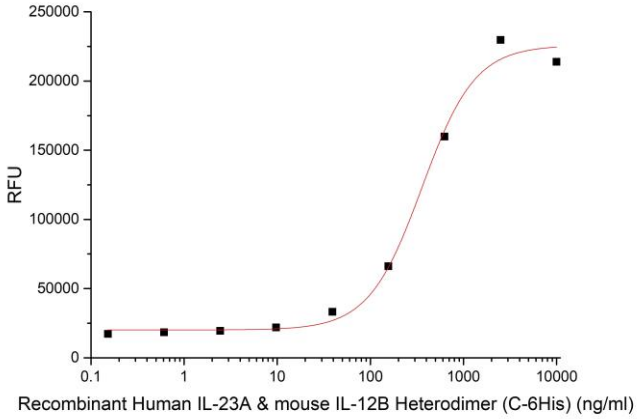
别称（Alternative Names）	SGRF; IL-23p19; CLMF p40; IL-12 subunit p40; NKSF2
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	【Arg20-Pro189&Met23-Ser335】-6His
Accession #	Q9NPF7&P43432
表达宿主（Host）	HEK293
种属（Species）	Human&Mouse
预测分子量（Predicted MW）	56.9 kDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of PBS, 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）

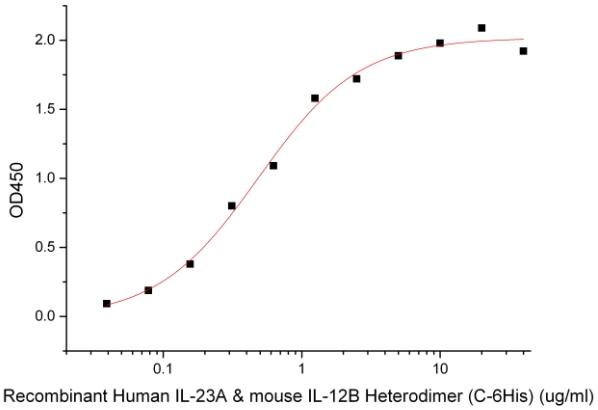


Greater than 95% as determined by reducing SDS-PAGE.

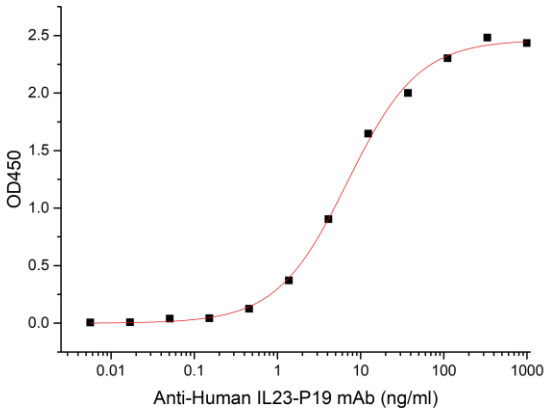
活性图（Bioactivity image）



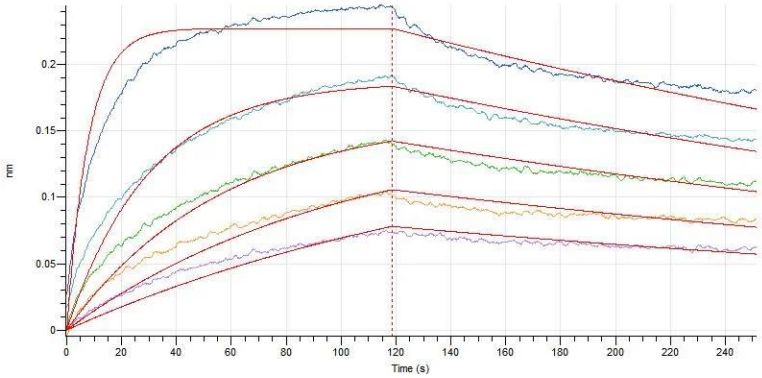
Measured by its ability to induce STAT reporter activity in 293F human embryonic kidney cells. The ED50 for this effect is 357.68 ng/ml.



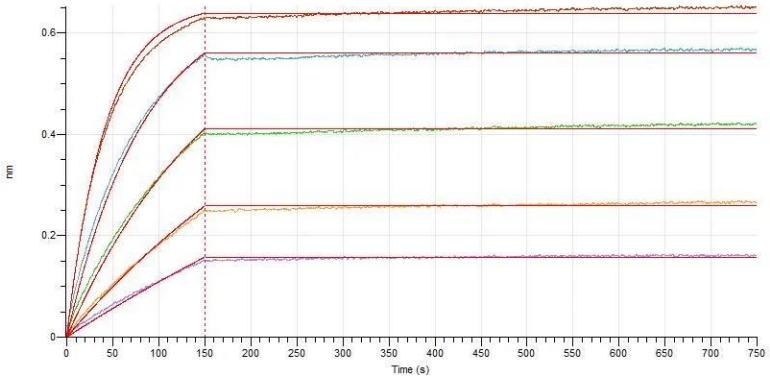
Immobilized Human IL-23R-Fc at 10μg/ml (100 μl/well) can bind Human IL-23A & mouse IL-12B Heterodimer-His. The ED50 of Human IL-23A & mouse IL-12B Heterodimer-His is 0.48 ug/ml.



Immobilized Human IL-23A & mouse IL-12B Heterodimer-His at 2μg/ml (100 μl/well) can bind Anti-Human IL23-P19 mAb.The ED50 of Anti-Human IL23-P19 mAb is 7.47 ng/ml.



Loaded Human IL-23R-Fc on Protein A Biosensor, can bind Human IL-23A & mouse IL-12B Heterodimer-His with an affinity constant of 9.48 nM as determined in BLI assay.



Loaded Anti-Human IL23-P19 mAb-Fc on Protein A Biosensor, can bind Human IL-23A & mouse IL-12B Heterodimer-His with an affinity constant of <10^-3 nM as determined in BLI assay.

注意事项（Note）

For Research Use Only , Not for Diagnostic Use.