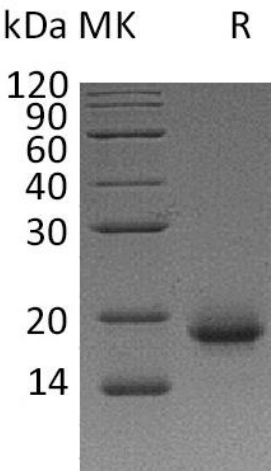
Recombinant Human IL-4（Mammalian)

Catalog#:PHH0929

概述（Summary)

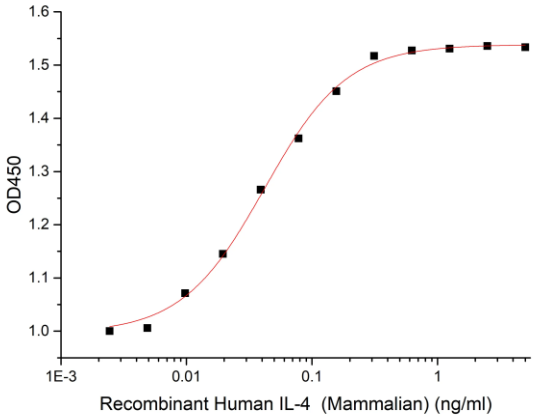
别称（Alternative Names)	Interleukin-4; IL-4; B-Cell Stimulatory Factor 1; BSF-1; Binetrakin; Lymphocyte Stimulatory Factor 1; Pitrakinra; IL4
纯度（Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level)	<0.01 EU/μg as determined by LAL test.
蛋白构建（Construction)	【His25-Ser153】
Accession #	P05112
表达宿主（Host)	HEK293
种属（Species)	Human
预测分子量（Predicted MW)	14.97 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)

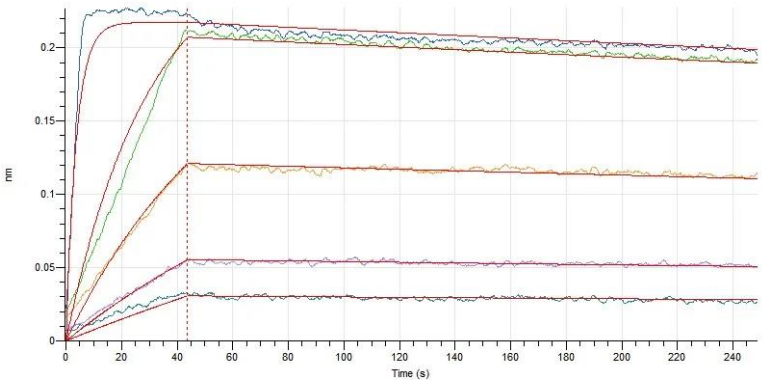


Greater than 95% as determined by reducing SDS-PAGE.

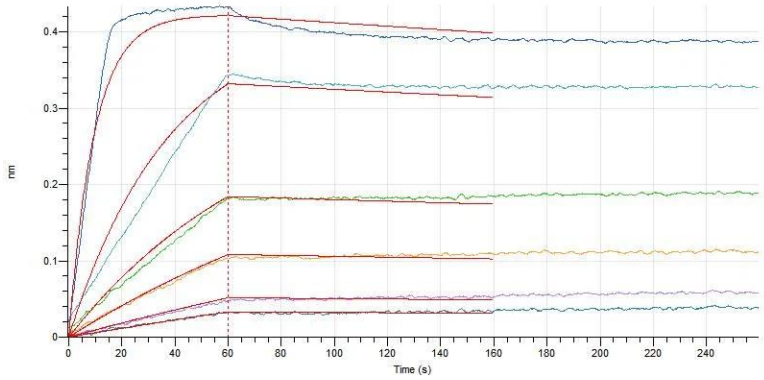
活性图（Bioactivity image）



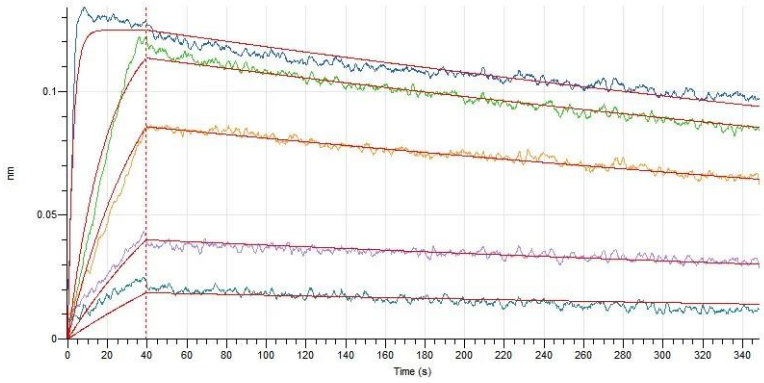
Measured in a cell proliferation assay using TF□1 human erythroleukemic cells. The ED50 for this effect is 0.01-0.05 ng/ml. (QC verified)



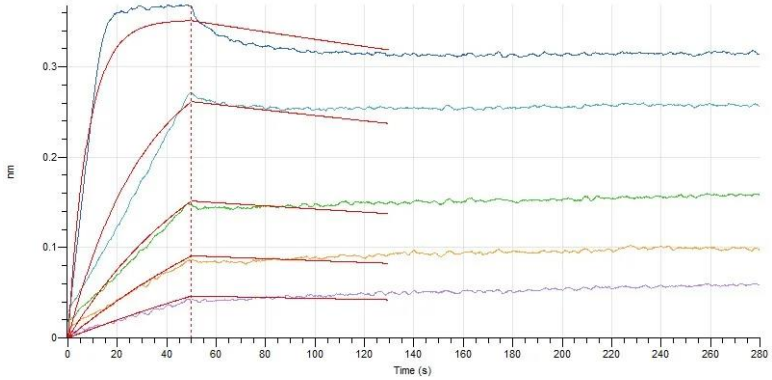
Loaded Cynomolgus IL-4RA-His on HIS1K Biosensor, can bind Human IL-4 with an affinity constant of 0.33 nM as determined in BLI assay.



Loaded Cynomolgus IL-4RA-Fc on Protein A Biosensor, can bind Human IL-4 with an affinity constant of 0.54 nM as determined in BLI assay.



Loaded Human IL-4RA-His on HIS1K Biosensor, can bind Human IL-4 with an affinity constant of 0.48 nM as determined in BLI assay.



Loaded Human IL-4RA-Fc on Protein A Biosensor, can bind Human IL-4 with an affinity constant of 0.99 nM as determined in BLI assay.

注意事项（Note）

For Research Use Only , Not for Diagnostic Use.