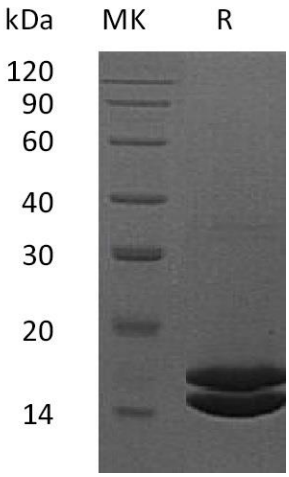
Recombinant Human IL-2 (C-6His)

Catalog#:PHH0897

概述（Summary）

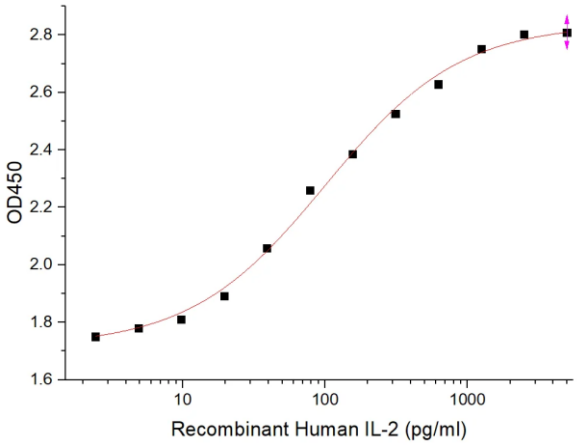
别称（Alternative Names）	Interleukin-2; IL-2; T-Cell Growth Factor; TCGF; Aldesleukin; IL2
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<0.01 EU/μg as determined by LAL test.
蛋白构建（Construction）	【Ala21-Thr153】-6His
Accession #	P60568
表达宿主（Host）	HEK293
种属（Species）	Human
预测分子量（Predicted MW）	16.4 kDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of 10mM Sodium Citrate, 4% Mannitol, pH4.0
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）

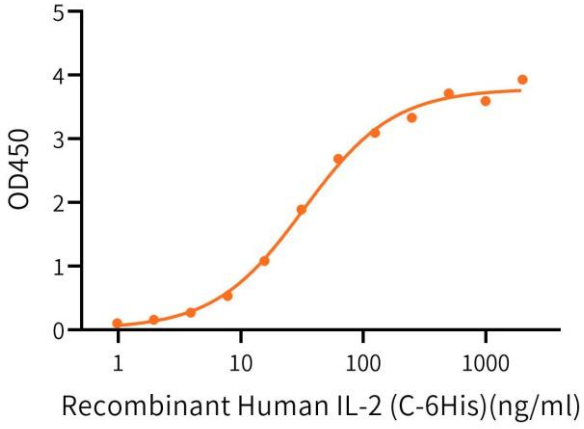


Greater than 95% as determined by reducing SDS-PAGE. (QC verified)

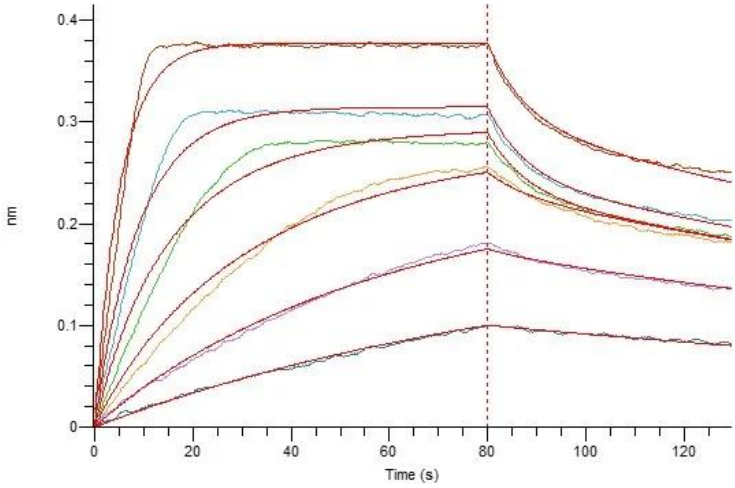
活性图（Bioactivity image）



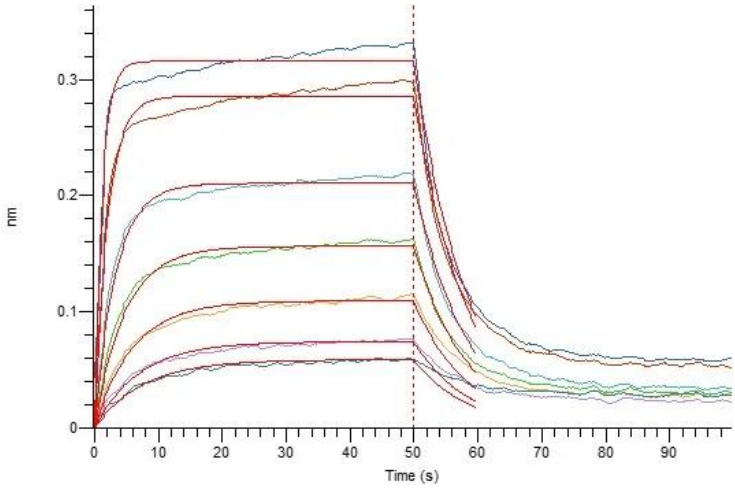
Measured in a cell proliferation assay using CTLL-2 mouse cytotoxic T cells The specific activity of Recombinant Human IL-2 is ≥1×10^7 IU/mg.



Immobilized Recombinant Human IL-2RA at 1μg/ml (100 μl/well) can bind Recombinant Human IL-2 (C-6His).The ED50 of Recombinant Human IL-2 (C-6His) is 32.80 ng/ml (Regularly tested).



Loaded Human IL-2RA-Fc on Protein A Biosensor, can bind Human IL-2-His with an affinity constant of 3.94 nM as determined in BLI assay.



Loaded Human IL-2RB-Fc on Protein A Biosensor, can bind Human IL-2-His with an affinity constant of 0.17 uM as determined in BLI assay.

注意事项（Note）

For Research Use Only , Not for Diagnostic Use.