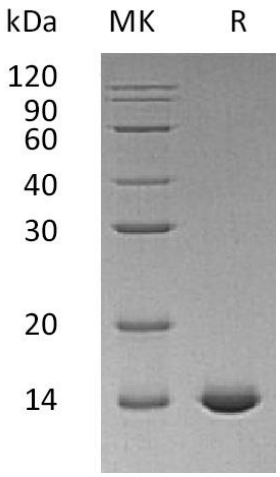
Recombinant Human IL-2 (aldesleukin)

Catalog#:PEH1851

概述（Summary）

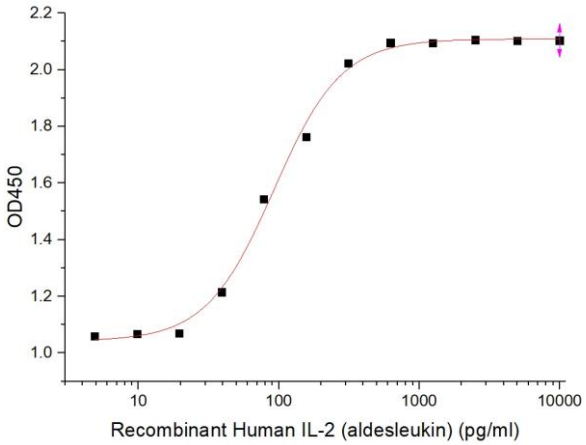
别称（Alternative Names）	Interleukin-2; IL-2; T-cell growth factor; TCGF; Aldesleukin
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	【Pro22-Thr153 (Cys145Ser)】
Accession #	P60568
表达宿主（Host）	E. coli
种属（Species）	Human
预测分子量（Predicted MW）	15.5 kDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of 10mM Acetata-Na, 5% Trehaiose, pH 4.5.
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）

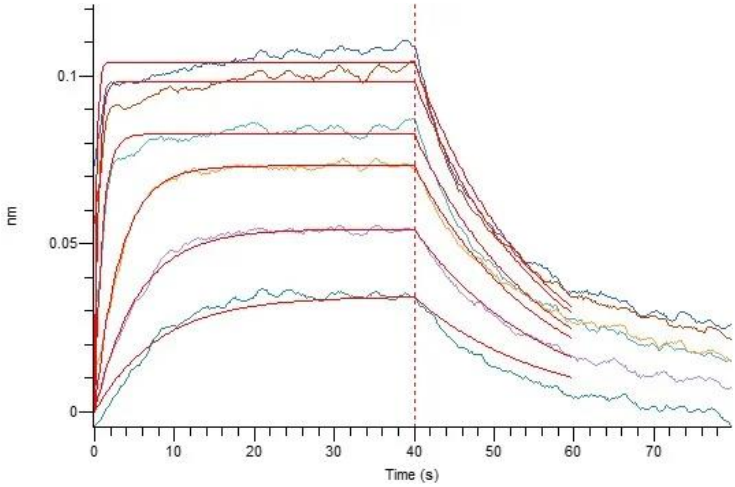


Greater than 95% as determined by reducing SDS-PAGE.

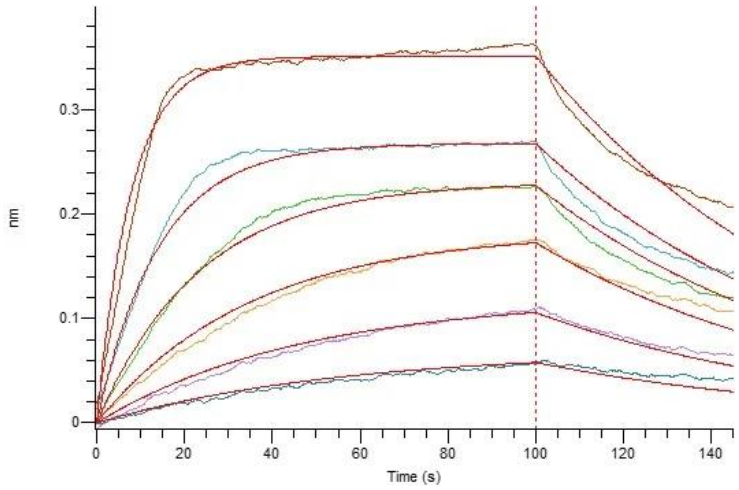
活性图（Bioactivity image）



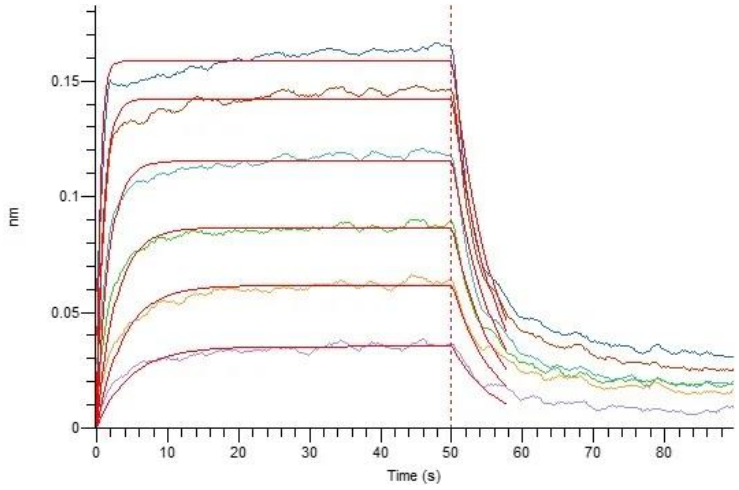
Measured in a cell proliferation assay using CTLL□2 mouse cytotoxic T cells. The ED50 for this effect is 90-270 pg/ml.



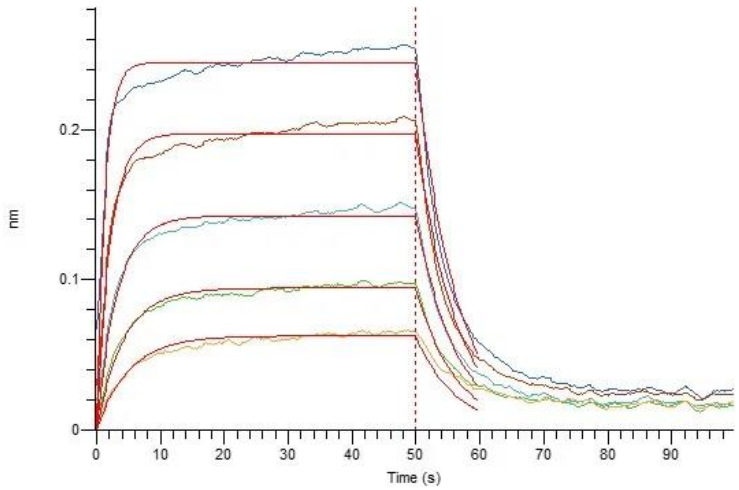
Loaded Human IL-2RA-His on HIS1K Biosensor, can bind Human IL-2 with an affinity constant of 31 nM as determined in BLI assay.



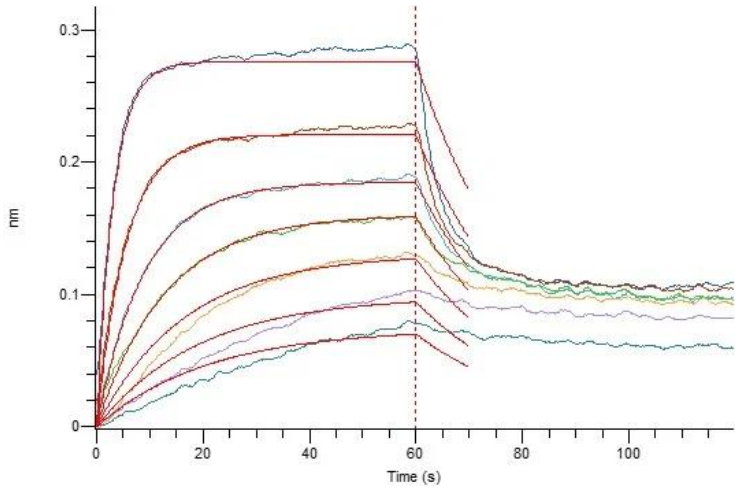
Loaded Human IL-2RA-Fc on Protein A Biosensor, can bind Human IL-2 with an affinity constant of 13.2 nM as determined in BLI assay.



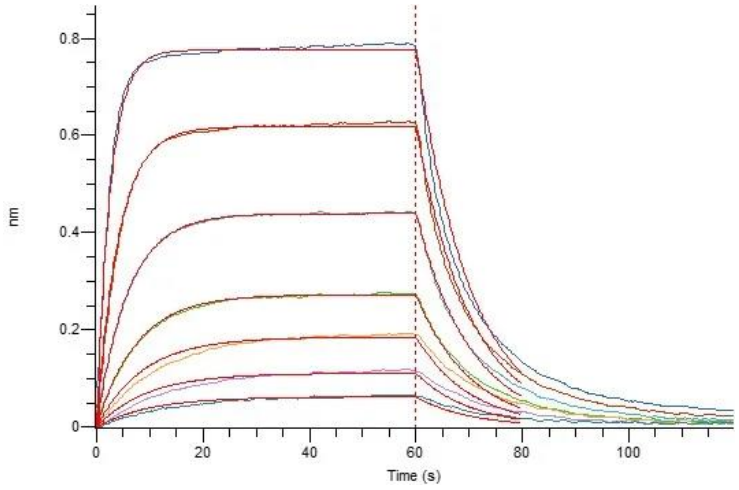
Loaded Human IL-2RB-His on HIS1K Biosensor, can bind Human IL-2 with an affinity constant of 0.19 uM as determined in BLI assay.



Loaded Human IL-2RB-Fc on Protein A Biosensor, can bind Human IL-2 with an affinity constant of 0.27 uM as determined in BLI assay.



Loaded Mouse IL-2RA-His on HIS1K Biosensor, can bind Human IL-2 with an affinity constant of 33 nM as determined in BLI assay.



Loaded Biotinylated Human IL-2RB-His-Avi on HIS1K Biosensor, can bind Human IL-2 with an affinity constant of 0.34 uM as determined in BLI assay.

注意事项（Note）

For Research Use Only , Not for Diagnostic Use.