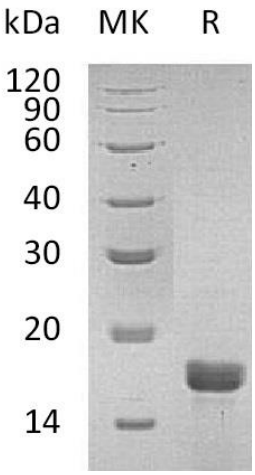
Recombinant Mouse IL-2

Catalog#:PEM0898

概述（Summary）

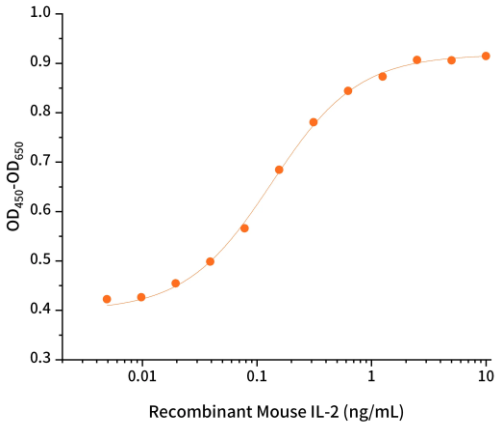
别称（Alternative Names）	aldesleukin; interleukin 2; interleukin-2; IL-2; IL2; T-cell growth facter; T cell growth factor; TCGF
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<0.01 EU/μg as determined by LAL test.
蛋白构建（Construction）	【Ala21-Gln169】
Accession #	P04351
表达宿主（Host）	E. coli
种属（Species）	Mouse
预测分子量（Predicted MW）	17.4 kDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of 20mM Sodium Citrate, 0.2% Tween 80, pH 3.0.
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）

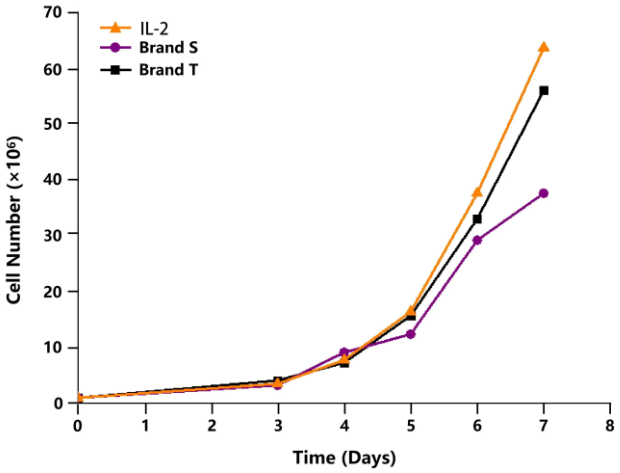


Greater than 95% as determined by reducing SDS-PAGE.

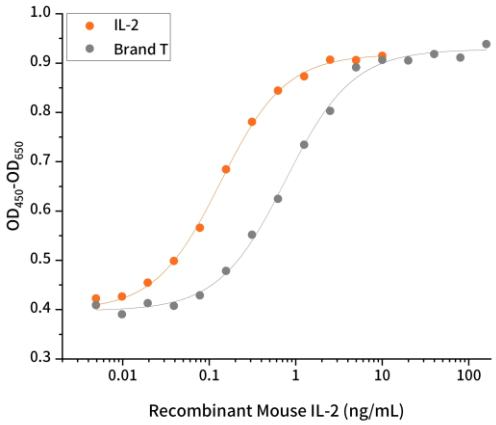
活性图（Bioactivity image）



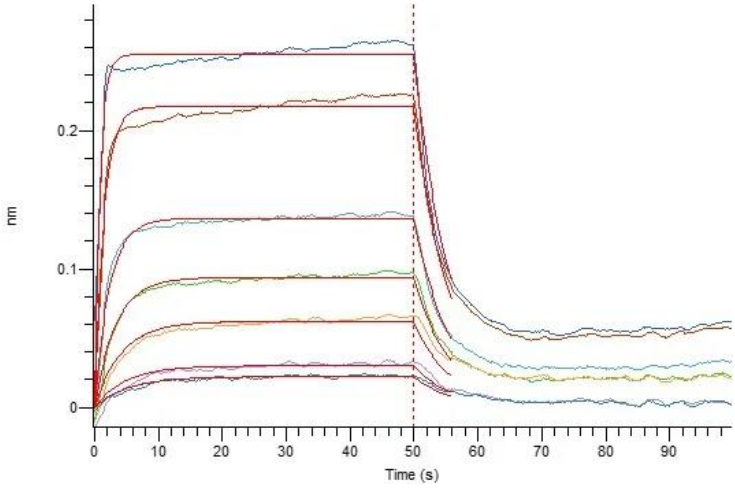
Measured in a cell proliferation assay using CTLL-2 mouse cytotoxic T cells. The ED50 for this effect is 0.04-0.2ng/mL.(QC Verified)



Measured in a cell proliferation assay using mouse primary T cells.Detection of T cell number on the D3, D4, D5, D6 and D7 of culture,and Recombinant Mouse IL-2 at 10ng/ml showed higher amplification performance than competitors.



Measured in a cell proliferation assay using CTLL-2 mouse cytotoxic T cells.



Loaded Human IL-2RA-Fc on Protein A Biosensor, can bind Mouse IL-2 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.