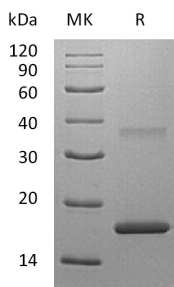


Recombinant Human IL-7 Protein (A317631)

Specifications:

Name:	Recombinant Human IL-7 Protein
Applications:	Cell Proferation Assay, SDS-PAGE
Expression System:	Escherichia coli
Nature:	Recombinant
Protein Species:	Human
Protein Length:	Protein fragment.
Amino Acids:	Asp26-His177
Molecular Weight:	17.5 KDa
Conjugate:	Unconjugated
Purity:	> 95%, by SDS-PAGE under reducing conditions.
Product Form:	Lyophilized
Concentration:	Reconstitution dependent.
Formulation:	Lyophilized from a 0.2 μ m filtered solution of 20mM Phosphate Buffer, 300mM NaCl, pH 8.0.
Storage:	Shipped at 4°C. Lyophilized: Store at -20°C to -80°C. Reconstituted: Aliquot and store at -80°C. Product is stable for one year. Avoid freeze/thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

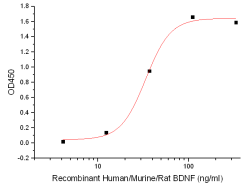
Images:



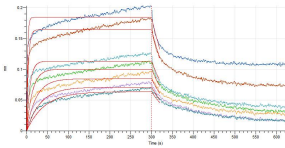
Recombinant Human IL-7 Protein (A317631) has greater than 95% purity as determined by SDS-PAGE under reducing conditions.

Recombinant Human IL-7 Protein (A317631)

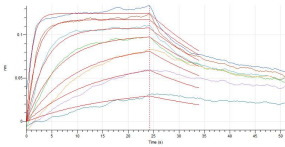
Images continued:



Measured in a cell proliferation assay using PHA-activated human peripheral blood lymphocytes (PBL). The ED50 for Recombinant Human IL-7 Protein (A317631) is 0.02-0.08 $\mu\text{g/ml}$.



Loaded Human IL-7RA-His on HIS1K Biosensor, can bind Recombinant Human IL-7 Protein (A317631) with an affinity constant of 15.04 nM as determined in BLI assay.



Loaded Human IL-7RA-Fc-His on HIS1K Biosensor, can bind Recombinant Human IL-7 Protein (A317631) with an affinity constant of 18.59 nM as determined in BLI assay.