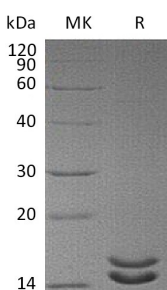


Recombinant Human IL-2 Protein (mutated L100F + R101D + L105V + I106V + I112F) (6xHis Tag) (A317605)

Specifications:

Name:	Recombinant Human IL-2 Protein (mutated L100F + R101D + L105V + I106V + I112F) (6xHis Tag)
Applications:	Cell Proferation Assay, SDS-PAGE
Expression System:	HEK293 cells
Nature:	Recombinant
Protein Species:	Human
Protein Length:	Protein fragment.
Amino Acids:	Ala21-Thr153 (L100F, R101D, L105V, I106V, I112F)
Tag:	C-terminal 6xHis Tag
Molecular Weight:	16.5 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 4mM HCl.
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.

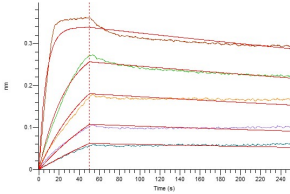
Images:



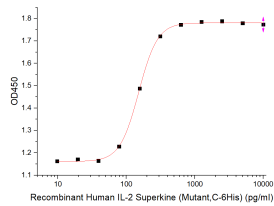
SDS-PAGE of Recombinant Human IL-2 Protein (mutated L100F + R101D + L105V + I106V + I112F) (6xHis Tag) (A317605) under reducing conditions.

Recombinant Human IL-2 Protein (mutated L100F + R101D + L105V + I106V + I112F) (6xHis Tag) (A317605)

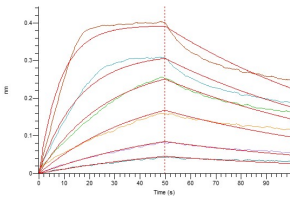
Images continued:



Loaded Human IL-2RB-Fc on Protein A Biosensor, can bind Recombinant Human IL-2 Protein (mutated L100F + R101D + L105V + I106V + I112F) (6xHis Tag) (A317605) with an affinity constant of 0.58 nM as determined in BLI assay.



Measurement of Recombinant Human IL-2 Protein (mutated L100F + R101D + L105V + I106V + I112F) (6xHis Tag) (A317605) in a cell proliferation assay using CTLL-2 mouse cytotoxic T cells. The ED50 for this effect is 151.39 pg/ml.



Loaded Human IL-2RA-Fc on Protein A Biosensor, can bind Recombinant Human IL-2 Protein (mutated L100F + R101D + L105V + I106V + I112F) (6xHis Tag) (A317605) with an affinity constant of 10.4 nM as determined in BLI assay.