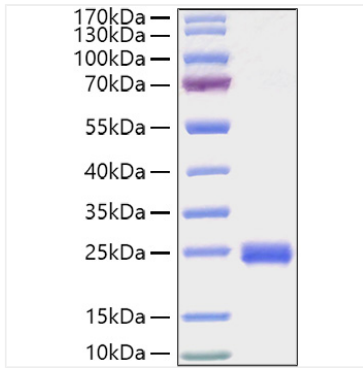
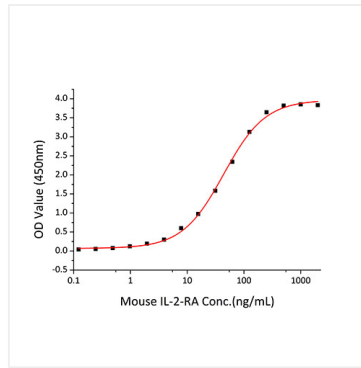




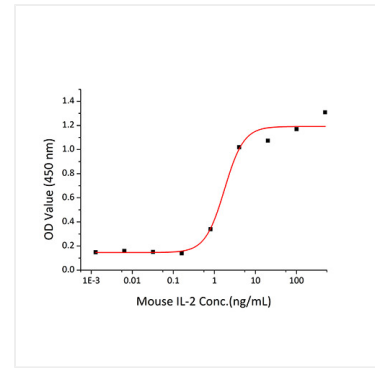
## Validation Data



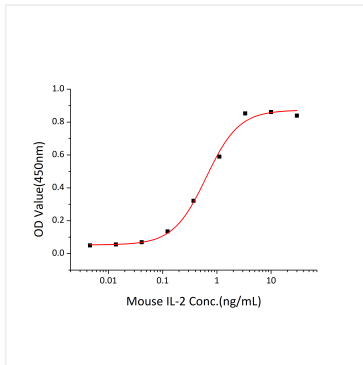
Recombinant Mouse IL-2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Mouse IL-2 (Catalog:RP01384) at 2  $\mu\text{g/mL}$  (100  $\mu\text{L/well}$ ) can bind Mouse IL-2RA (Catalog:RP01481) with a linear range of 0.1-43.8 ng/mL.



Recombinant Mouse IL-2 stimulates cell proliferation of the HT-2 mouse T cells. The  $\text{ED}_{50}$  for this effect is 0.88-3.5 ng/mL, corresponding to a specific activity of  $2.86 \times 10^5$ - $1.14 \times 10^6$  units/mg.



Measured in a cell proliferation assay using CTLL2 mouse T cells. The  $\text{ED}_{50}$  for this effect is 0.32-1.26 ng/mL, corresponding to a specific activity of  $7.94 \times 10^5$ - $3.17 \times 10^6$  units/mg.