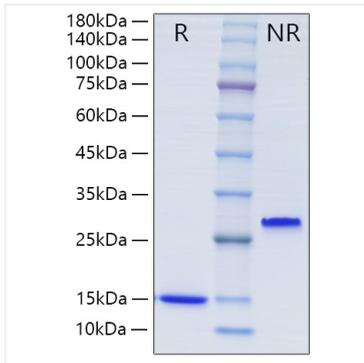
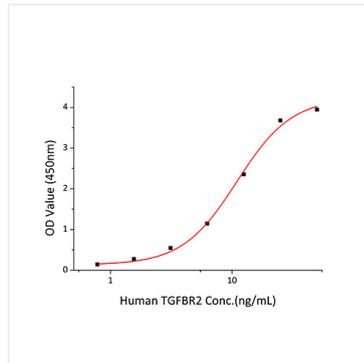


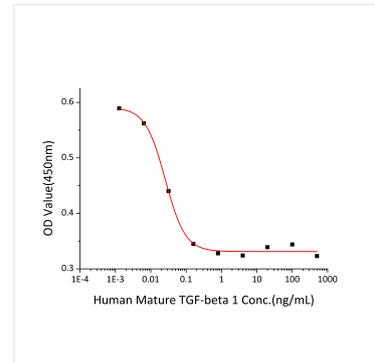
Validation Data



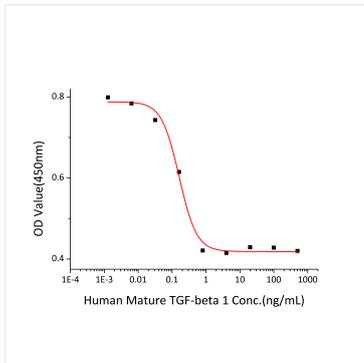
Recombinant Human Mature TGF-beta 1 Protein was determined by SDS-PAGE under reducing (R) and non-reducing (NR) conditions.



Immobilized Human TGF-beta 1 at 2 µg/mL (100 µL/well) can bind Human TGFBR2 with a linear range of 0.78-11 ng/mL.



Recombinant Human Mature TGF-beta 1 inhibit the IL-4(Catalog: RP01161)-dependent proliferation of HT-2 mouse T cells. The ED₅₀ for this effect is 12.85-51.40 µg/mL, corresponding to a specific activity of $1.95 \times 10^7 \sim 7.78 \times 10^7$ units/mg.



Measured in a cell proliferation assay using Mv.1.lu cells. The ED₅₀ for this effect is 0.08-0.32ng/mL, corresponding to a specific activity of $3.13 \times 10^9 \sim 1.25 \times 10^7$ units/mg.