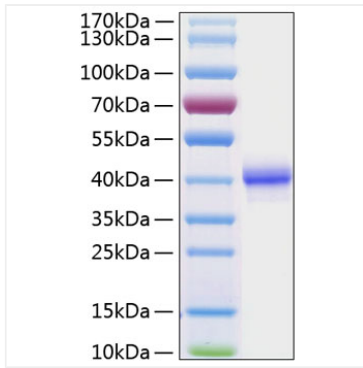
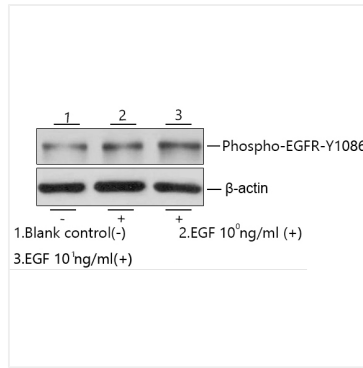


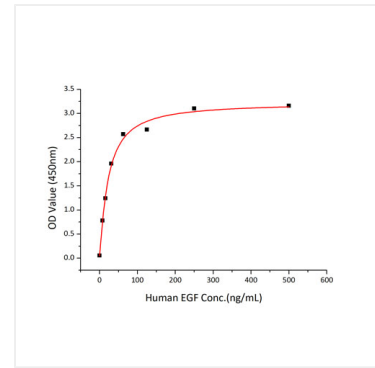
Validation Data



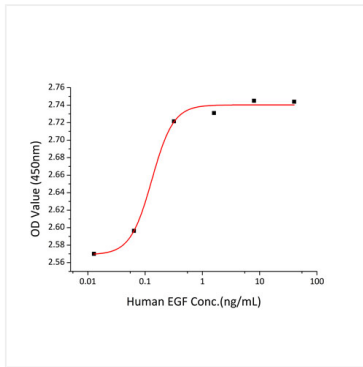
Recombinant Human EGF Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



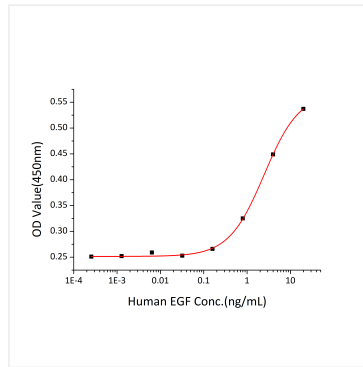
Recombinant Human EGF enhances EGF Receptor autophosphorylation in A431 cells. 1-10 ng/mL of Recombinant Human EGF can effectively enhance EGF Receptor autophosphorylation.



Immobilized Human EGFR at 5 $\mu\text{g/mL}$ (100 $\mu\text{L/well}$) can bind Human EGF with a linear range of 7-25ng/mL.



Recombinant Human EGF promotes the proliferation of BALB/c 3T3 mouse embryonic fibroblasts cells. The ED_{50} for this effect is typically 0.065-0.26 ng/mL, corresponding to a specific activity of 3.84×10^6 - 1.54×10^7 units/mg.



Measured in a cell proliferation assay using 4MBr-5 rhesus monkey epithelial cells. The ED_{50} for this effect is 1.23-4.93 ng/mL, corresponding to a specific activity of 2.03×10^5 ~ 8.13×10^5 units/mg.