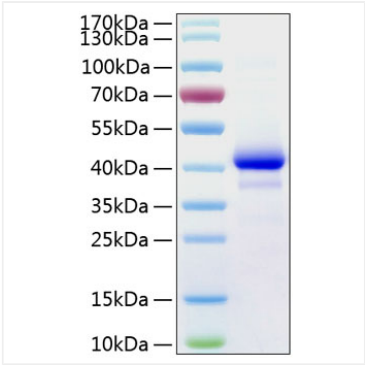
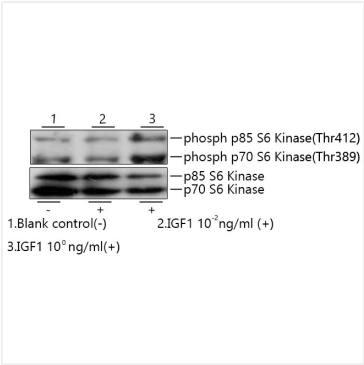


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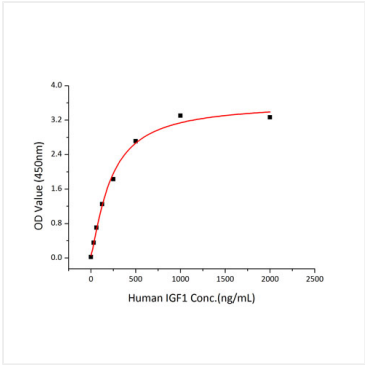
Validation Data



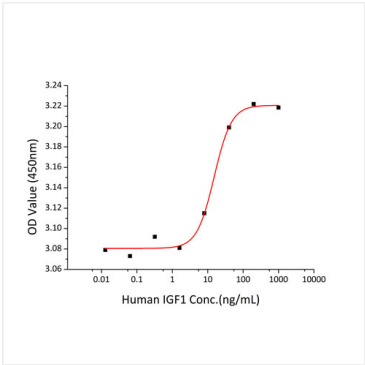
Recombinant Human IGF-I Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



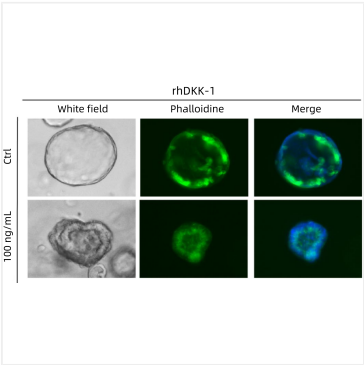
Recombinant Human IGF1 enhances p70S6 Kinase(Thr389) and p85 S6 Kinase(Thr412) autophosphorylation in 293T human embryonic kidney cells.0.01-1ng/mL of Recombinant Human IGF1 can effectively enhance p70S6 Kinase(Thr389) and p85 S6 Kinase(Thr412) autophosphorylation.



Measured by its binding ability in a functional ELISA. Immobilized recombinant human IGFBP6 at 1μg/mL (100 μL/well) can bind recombinant human IGF1 with a linear range of 30-250ng/mL.



Recombinant Human IGF1 promotes the proliferation of MCF-7 cells. The ED<sub>50</sub> for this effect is typically 7.5-30 ng/mL.



Human kidney organoids were cultured with EGF(Cat. RP03287), FGF2(Cat. RP01042), FGF7(Cat. RP01717), FGF9(Cat. RP01710), FGF10(Cat. RP01140), IGF-(Cat. RP00996), NOG(Cat. RP01237), RSP01(Cat. RP00071), WNT-3a(Cat. RP01618SLQ). And further, DKK-1(RP01343) was used to induce the establishment of cell polarity.