

Featured Products of Noggin

— Top sellers

PROTEIN

ANTIBODY

MOLECULAR BIOLOGY

ELISA KITS

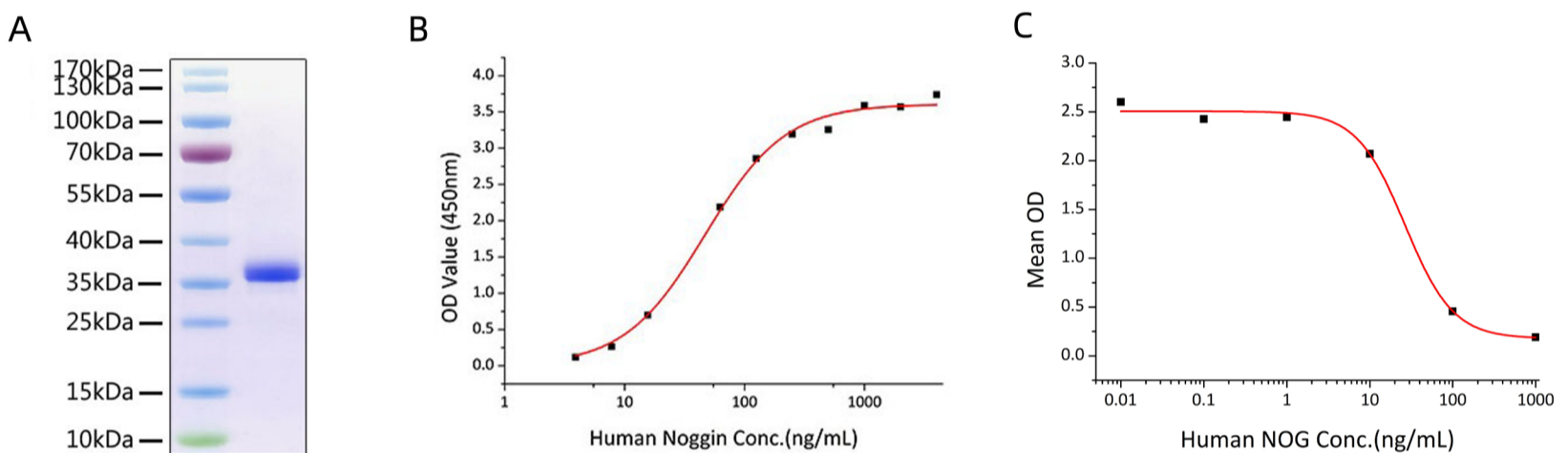
REAGENT

CONSUMABLE

Noggin is a secretory glycoprotein that plays a role in antagonizing bone morphogenesis protein4 (BMP-4). It plays an important regulatory role in the differentiation and maturity of the nervous system and the development of embryonic tissue by mediating signaling pathways such as BMP, Wnt and Notch. Noggin is currently widely used in the cultivation of organoids. Two high-quality Noggin recombinant protein products are recommended in this issue.

RP01237

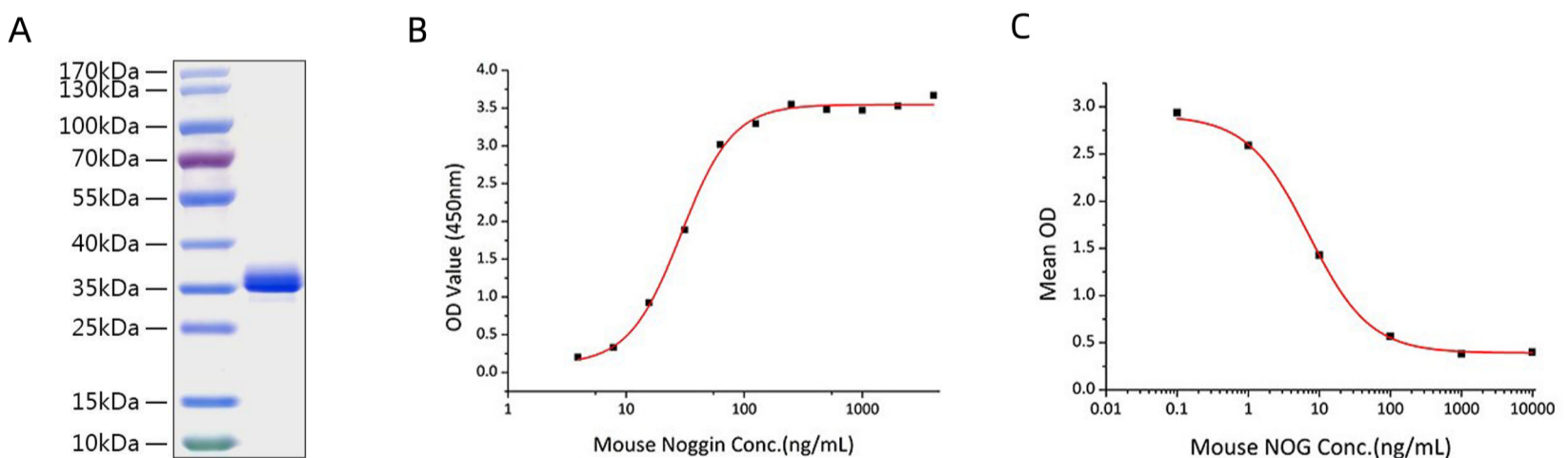
Active Recombinant Human Noggin/NOG Protein



- A. Recombinant Human Noggin/NOG Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 35-38 kDa.;
- B. Immobilized recombinant Human BMP4 at 0.5 $\mu\text{g/mL}$ (100 $\mu\text{L/well}$) can bind Noggin with a linear range of **4-47** ng/mL;
- C. Recombinant human NOG inhibits BMP-4-induced alkaline phosphatase production by ATDC5 mouse chondrogenic cells. The ED50 for this effect is **13.28-53.12** ng/mL in the presence of 50 ng/mL of Recombinant Human BMP-4.

RP01308

Active Recombinant Mouse Noggin/NOG Protein



- A. Recombinant Mouse Noggin/NOG Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 36 kDa;
- B. Immobilized recombinant Human BMP4 at 0.5 $\mu\text{g/mL}$ (100 $\mu\text{L/well}$) can bind Noggin with a linear range of **4-29** ng/mL;
- C. Recombinant human NOG inhibits BMP-4-induced alkaline phosphatase production by ATDC5 mouse chondrogenic cells. The ED50 for this effect is **3.5-14** ng/mL in the presence of 50 ng/mL of Recombinant Human BMP-4.