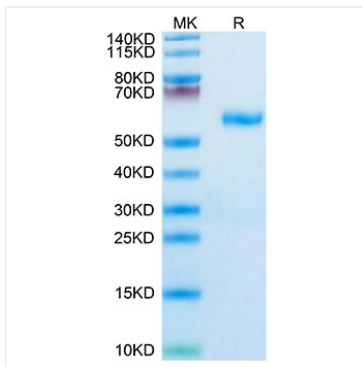
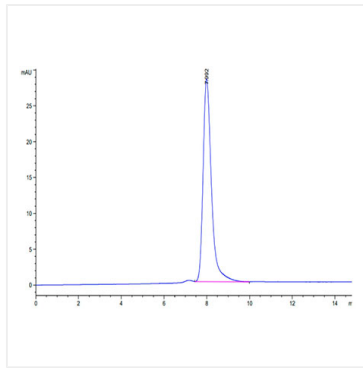




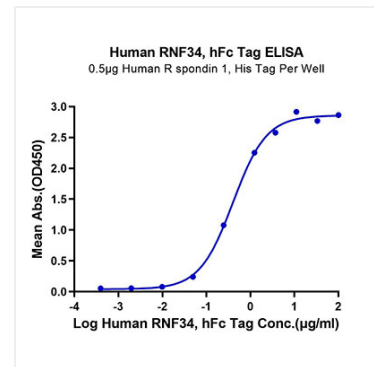
## Validation Data



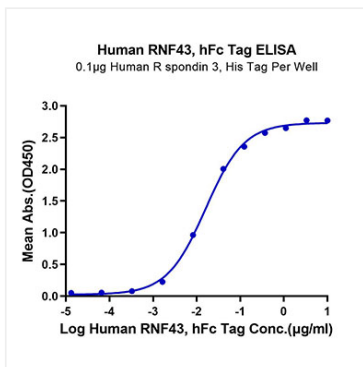
Recombinant Human RNF43 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Human RNF43 is greater than 95% as determined by SEC-HPLC.



Immobilized Human R spondin 1, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human RNF34, hFc Tag with the EC<sub>50</sub> of 0.4µg/ml determined by ELISA.



Immobilized Human R-Spondin 3, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human RNF43, hFc Tag with the EC<sub>50</sub> of 16.1ng/ml determined by ELISA.