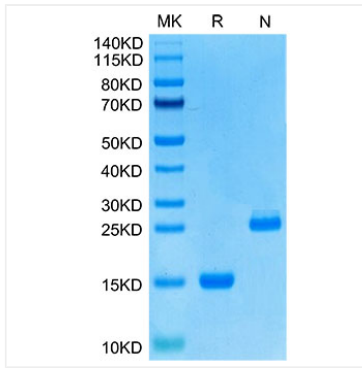
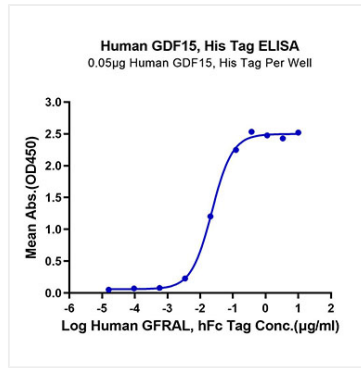


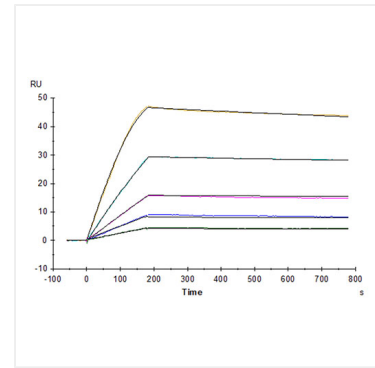
Validation Data



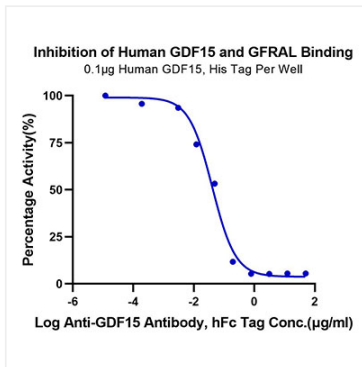
Recombinant Human GDF15 Protein was determined by Tris-Bis PAGE under reducing (R) and non-reducing (NR) conditions.



Immobilized Human GDF15, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Human GFRAL, hFc Tag with the EC_{50} of 22.8ng/ml determined by ELISA.



Human GFRAL, hFc Tag captured on CM5 Chip via Protein A can bind Human GDF15, His Tag with an affinity constant of 0.014 nM as determined in SPR assay (Biacore T200).



Serial dilutions of Anti-GDF15 Antibody were added into Human GDF15, His Tag : Biotinylated Human GFRAL, His Tag binding reactions. The half maximal inhibitory concentration (IC_{50}) is 40.8ng/ml.