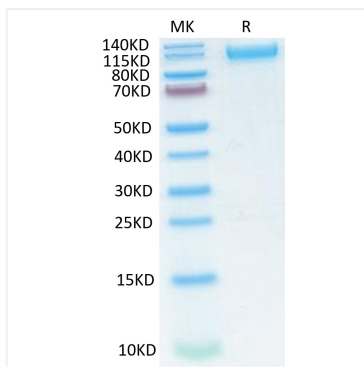
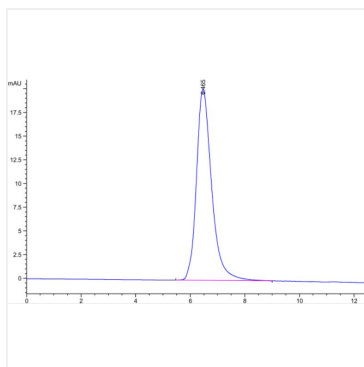




## Validation Data



Recombinant SARS-COV-2 Spike S1 (N501Y,K417N,E484K) Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of SARS-COV-2 Spike S1 ( N501Y,K417N,E484K ) is greater than 95% as determined by SEC-HPLC.