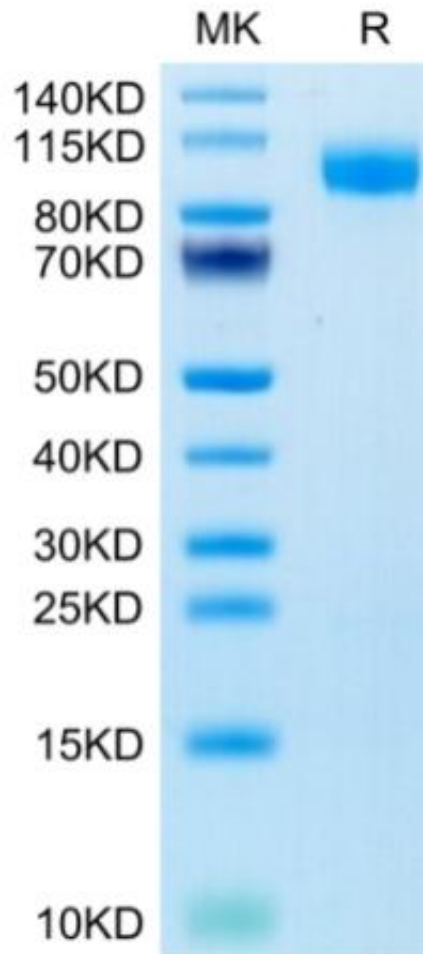


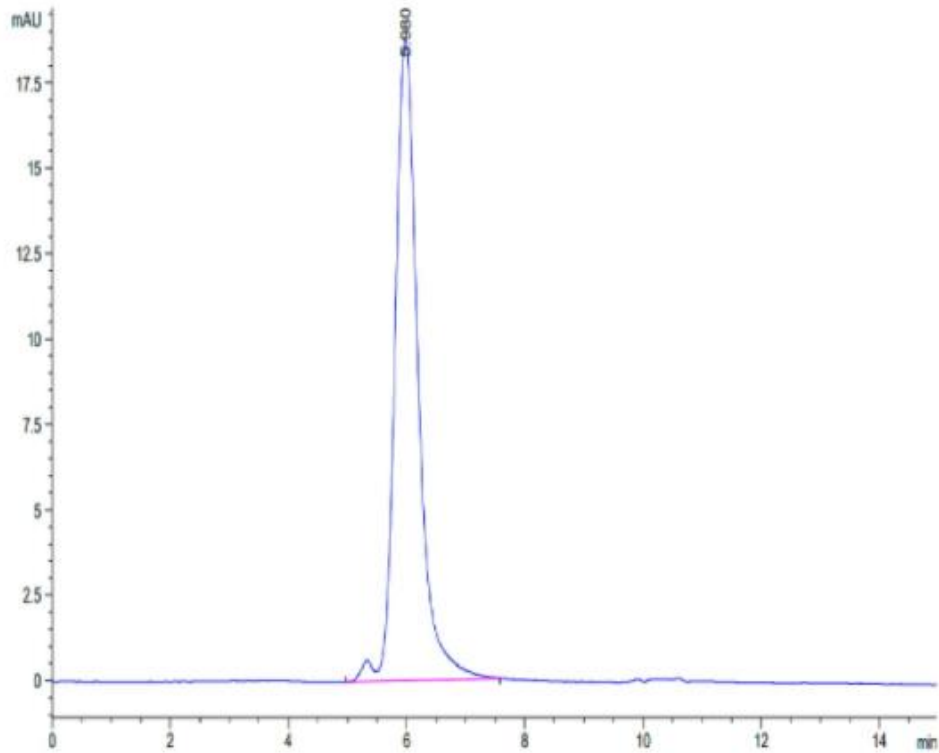
Recombinant Human EGFR protein, C-His-Avi Tag

Product Information

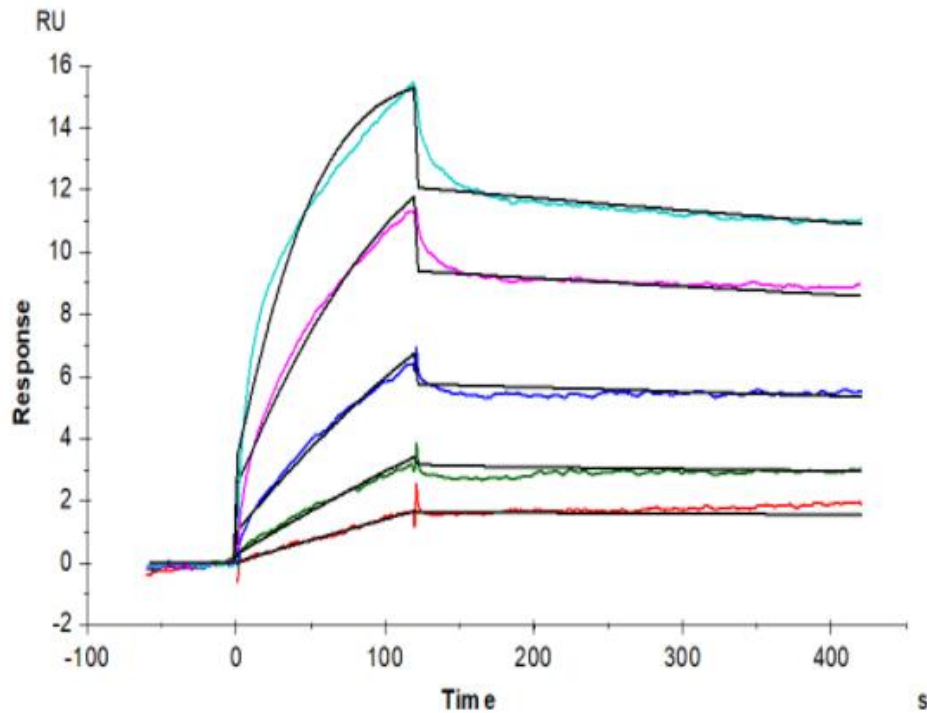
Cat	IMP-1750
Official Symbol	EGFR
Product Overview	Recombinant Human EGFR protein(P00533-1)(Leu25-Ser645) is expressed from Expi293 with His tag and Avi tag at the C-terminal. It contains Leu25-Ser645.[Accession P00533-1]
Expression System	HEK293
Species	Human
Tag	C-His-Avi Tag
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5 % trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 71.5 kDa. Due to glycosylation, the protein migrates to 85-110 kDa based on Tris-Bis PAGE result.
Protein length	Leu25-Ser645
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. '-20 to -80°C for 3-6 months in unopened state after reconstitution. 4-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-thaw cycles.U17
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended (usually we use 1mg/ml solution for lyophilization). Dissolve the lyophilized protein in distilled water.
SDS-PAGE	



HPLC



Bioactivity-SPR 1



Human EGFR, His Tag captured on CM5 Chip via Anti-His Antibody can bind Human EGF, No Tag with an affinity constant of 0.05 nM as determined in SPR assay (Biacore T200).