



# CERTIFICATE OF ANALYSIS

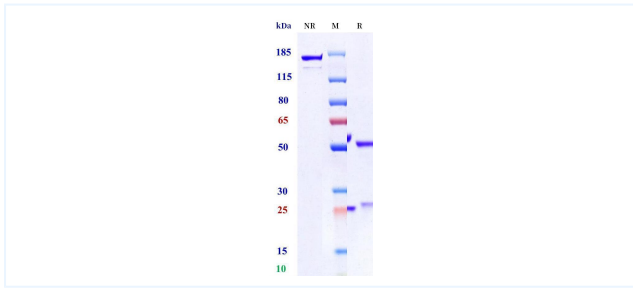


## Product Details

Product name:	Anti-GFRA4 Reference Antibody (U.Penn. patent anti-GFRA4)	Lot.No.:	P294673
Target:	GFRA4	Catalog:	CHB926
Target Accession:	P56159	Concentration :	1 mg/mL
Clonality:	Monoclonal	Isotype:	IgG1
Reactivity:	Human	Molecular Weight (kDa) :	143.98
Application:	ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	<1 EU/mg
Formulation:	Liquid: 100mM Pro-Ac, 20mM Arg pH 5.0 Lyophilization: 25mM histidine, 8% sucrose, 0.01% Tween80 pH6.2	Conjugation:	Unconjugated
Reconstitution:	For Powder, reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex.	Expression System:	CHO
Storage:	Upon receipt, store immediately at -20°C or lower for 24 months. Store aliquots at -80°C for up to 3 months. Avoid repeated freeze-thaw cycles.	Purification:	Protein A

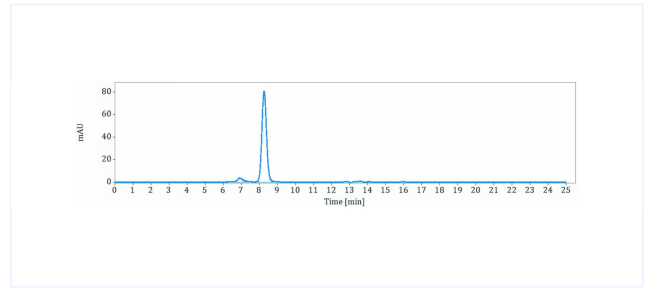
## Data

### Purity:SDS-PAGE



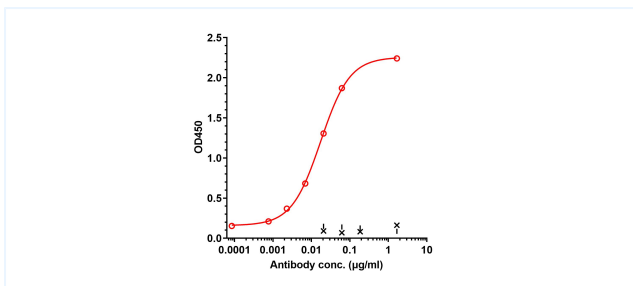
Anti-GFRA4 Reference Antibody (U.Penn. patent anti-GFRA4) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

### Purity:SEC-HPLC



The purity of Anti-GFRA4 Reference Antibody (U.Penn. patent anti-GFRA4) is 98.3%, determined by SEC-HPLC.

### Bioactivity: ELISA



Immobilized hu-GFRA4-his at 2 µg/mL can bind U.Penn. patent anti-GFRA4, EC50= 2.554 µg/mL.

The products are for research use only. Not for use in diagnostic procedures.