CERTIFICATE OF ANALYSIS

Product Details

Product name:	Anti-GDF8 / Myostatin Reference Antibody (landogrozumab)	Lot.No.:	P105840-1
Target:	GDF8 / Myostatin	Catalog:	CHA306
Target Accession:		Concentration :	1 mg/mL
Clonality:	Monoclonal	Isotype:	IgG4SP
Reactivity:	Human	Molecular Weight (kDa) :	146.4
Application:	ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	＜0.001 EU/μg
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:	-80°C for 2 years under sterile conditions； -20°C for 1 year under sterile conditions；Avoid repeated freeze-thaw cycles.	Purification:	Protein A

Data

Purity: SDS-PAGE

Purity: SEC-HPLC

Anti-GDF8 / Myostatin Reference Antibody (landogrozumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

The purity of Anti-GDF8 / Myostatin Reference Antibody (landogrozumab) is 99.20%, determined by SEC-HPLC.

ELISA

Immobilized Human Latent GDF-8 Protein (His Tag-Kactus) (P264339) at 2 μg/mL can bind landogrozumab, The EC50 is 0.04016 μg/mL.

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