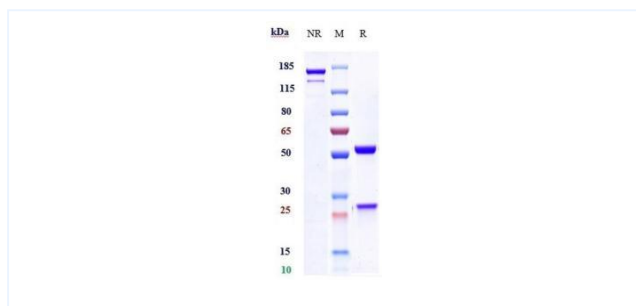


Product Details

Product name:	Anti-human IL-23 (guselkumab Biosimilar)	SKU:	BIO0203SM
Target Name:	IL-23	Size:	1 mg/5 mg/20 mg
Target Uniprot:	Q9NPF7	Concentration:	Lyophilized
Clone#:	guselkumab	Isotype:	Human IgG1
Reactivity:	Human, Cynomolgus	Calculated M.W.:	144.8 kDa
Application:	ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	<0.001 EU/ug
Formulation:	0.1M Pro, 20mM Arg, pH5.0	Conjugation:	None
Storage:	For long term storage, the produce should be stored at -20° C or lower.	Expression System:	CHO
Reconstitution:	Dissolve with sterile ddH2O	Purification:	Protein A

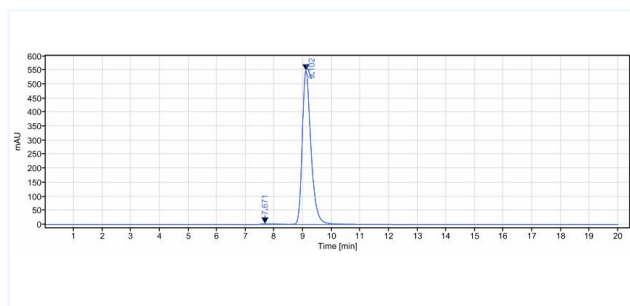
Data

Purity:SDS-PAGE



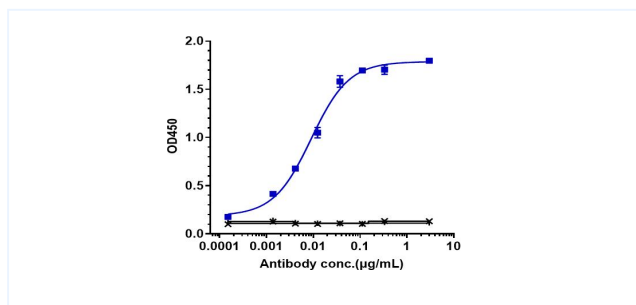
Anti-IL-23 (guselkumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity:SEC-HPLC



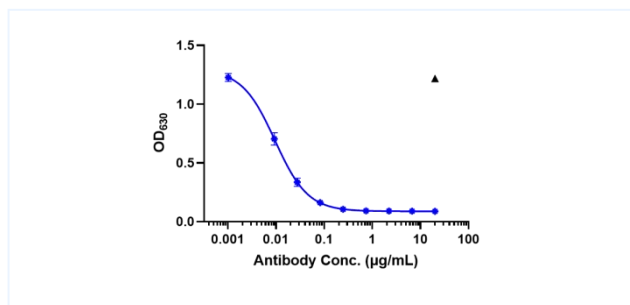
The purity of Anti-IL-23 (guselkumab) is 98.97%, determined by SEC-HPLC.

Bioactivity:ELISA



Immobilized human IL 23P40 His at 2 ug/mL can bind Anti-IL-23 (guselkumab), EC50=0.009014 ug/mL.

Function:Luciferase



Anti-IL-23 (guselkumab) induced report gene STAT3 activity was evaluated using Human IL23 HEK-Blue. The EC50 was approximately 0.0095 ug/mL.