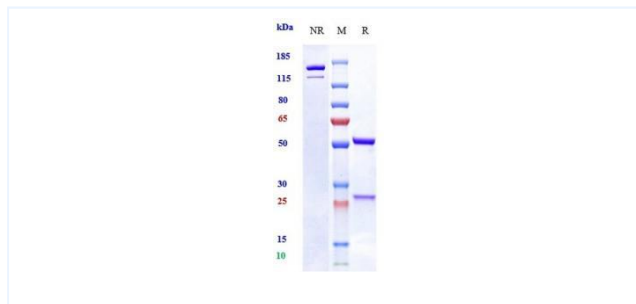


Product Details

Product name:	Anti-human OSMR (vixarelimab Biosimilar)	SKU:	BIO0717SM
Target Name:	OSMR	Size:	1 mg/5 mg/20 mg
Target Uniprot:	Q99650	Concentration:	Lyophilized
Clone#:	vixarelimab	Isotype:	Human IgG4SP
Reactivity:	Human	Calculated M.W.:	145 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

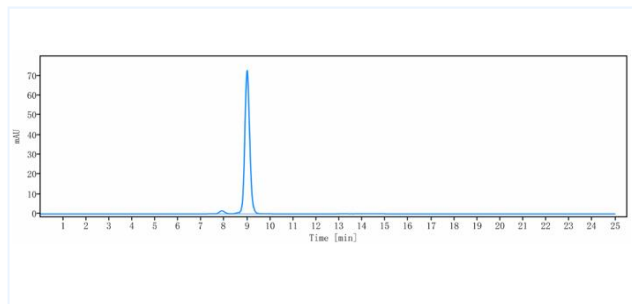
Data

Purity:SDS-PAGE



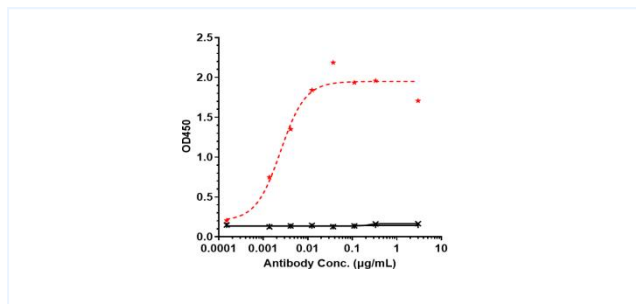
Anti-OSMR (vixarelimab) on SDS-PAGE underreducing (R) condition. The purity of the protein is greater than 95%.

Purity:SEC-HPLC



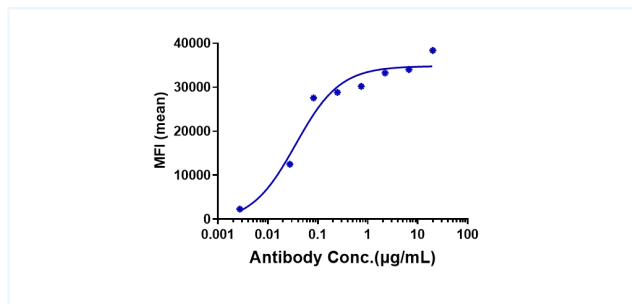
The purity of Anti-OSMR (vixarelimab) is 96.9%, determined by SEC-HPLC.

Bioactivity:ELISA



Immobilized human OSMR His at 2 ug/mL can bind Anti-OSMR (vixarelimab), EC50=0.0024 ug/mL.

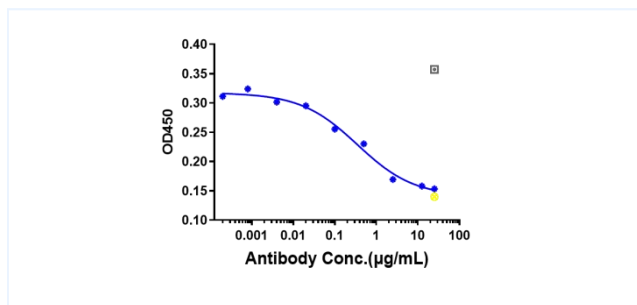
Bioactivity:FACS



Human OSMR HEK293 cells were stained with Anti-OSMR (vixarelimab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.0359 ug/mL.

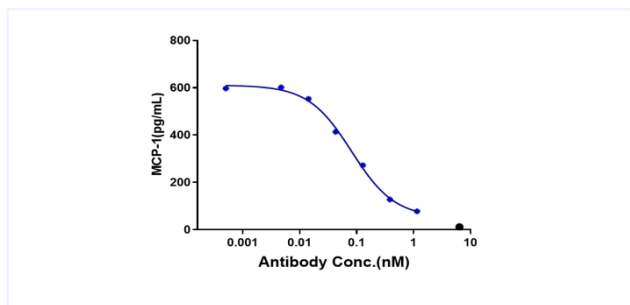
Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Function: Phosphorylation



Anti-OSMR (vixarelimab) P-STAT3 Assay was evaluated using NHDF. The IC₅₀ was approximately 0.3493 nM.

Function: MCP-1 Secretion



Anti-OSMR (vixarelimab) MCP-1 secretion was evaluated using NHDF. The IC₅₀ was approximately 0.0812 nM.