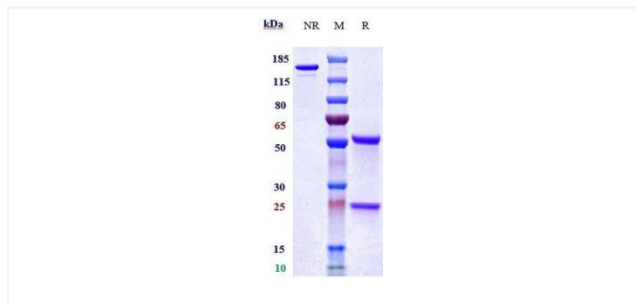


## Product Details

Product name:	Anti-human TNFRSF5 / CD40 (bleselumab Biosimilar)	SKU:	BIO0121SM
Target Name:	TNFRSF5 / CD40	Size:	1 mg/5 mg/20 mg
Target Uniprot:	P25942	Concentration:	Lyophilized
Clone#:	bleselumab	Isotype:	Human IgG4PE
Reactivity:	Human	Calculated M.W.:	150 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

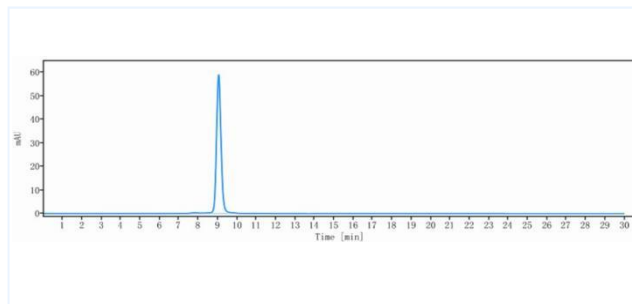
## Data

### Purity:SDS-PAGE



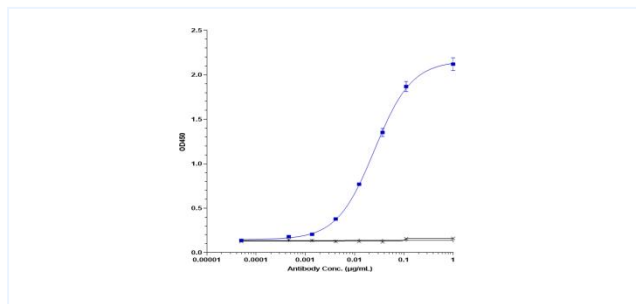
Anti-TNFRSF5 / CD40 (bleselumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

### Purity:SEC-HPLC



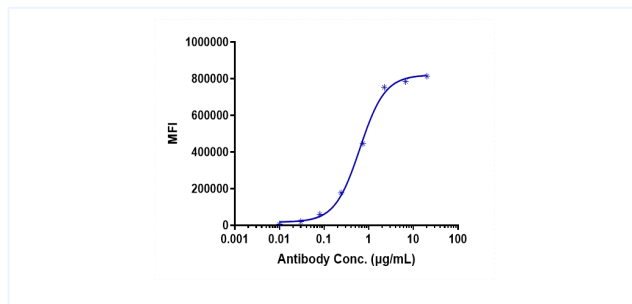
The purity of Anti-TNFRSF5 / CD40(bleselumab) is 99.21%, determined by SEC-HPLC.

### Bioactivity:ELISA



Immobilized human TNFRSF5 / CD40 His at 2 ug/mL can bind Anti-TNFRSF5 / CD40 (bleselumab), EC50=0.0252 ug/mL.

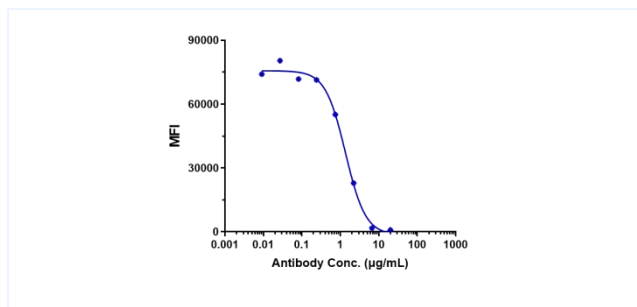
### Bioactivity:FACS



Human CD40 CHO cells were stained with Anti-TNFRSF5 / CD40 (bleselumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.6311 ug/mL.

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

### Function:Blocking



Anti-TNFRSF5 / CD40 (bleselumab)

FACS Blocking was evaluated using CCRF-CEM. The IC<sub>50</sub> was approximately 1.359 µg/mL.