

Catalog# BP- 50568

Isatuximab Biosimilar (CD38 Monoclonal Antibody)

Isatuximab Biosimilar uses the same protein sequences as the therapeutic antibody isatuximab.

Isatuximab is a humanized, IgG1-derived monoclonal antibody (mAb) produced from a Chinese hamster ovary (CHO) cell line. Structurally, isatuximab is comprised of two identical immunoglobulin kappa light chains and two identical immunoglobulin gamma heavy chains. It is a cytolytic antibody targeted against CD38, a glycoprotein found on the surface of some immune cells that is highly expressed by malignant plasma cells in multiple myeloma. Along with daratumumab, another anti-CD38 monoclonal antibody, isatuximab constitutes a novel treatment modality for patients with difficult-to-treat multiple myeloma.

Product Details	
CAS No.	1461640-62-9
Species Reactivity	Human
Source	Mammalian cells
Isotype	Human IgG1 kappa
Class	Monoclonal
Type	Antibody
Clone	Isatuximab Biosimilar
Conjugate	Unconjugated
Immunogen	Human CD38 proteins
Purity	>95%
Molecular Weight	145.22 kDa
Protein Concentration	1 mg/ml
Formulation	0.2 μ M filtered PBS solution, pH 7.4
Storage conditions	4°C for short time, -20°C or -80°C for long time.