

Anti-SSTR2 Antibody (Tidutamab Biosimilar)

Cat. No. AB299



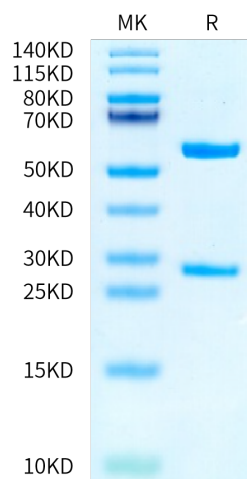
Description	
Reactivities	Human
Target	SSTR2
Isotype	Human IgG1-Kappa
Conjugation	Unconjugated
ExpressSystem	HEK293
Applications	ELISA
MolecularWeight	51.7 kDa and 24.2 kDa.
Recommended Dilution Buffer	PBS (pH 7.4), contains no stabilizers or preservatives.
Purification	protein A
Sterility	0.2 µM filtered
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage	
Formulation	PBS, 10% glycerol (pH 7.4)
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background	
Somatostatin receptor (SSTR) 2, widely expressed in meningioma, is a G-protein-coupled receptor and can be activated by somatostatin or its synthetic analogs. SSTR2 is therefore extensively studied as a marker and target for the diagnosis and treatment of meningioma.	

Assay Data

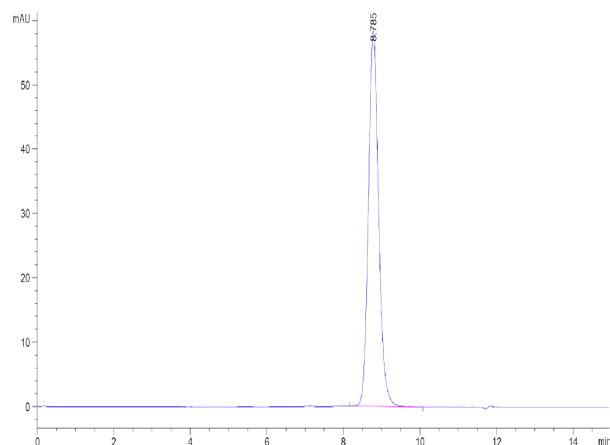
Bis-Tris PAGE



Tidutamab Biosimilar on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Assay Data

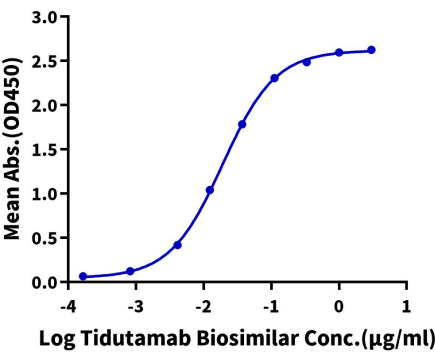


The purity of Tidutamab Biosimilar is greater than 95% as determined by SEC-HPLC.

Assay Data

ELISA Data

Tidutamab Biosimilar ELISA
0.5µg Human SSTR2 VLP Per Well



Immobilized Human SSTR2 VLP at 5µg/ml on the plate (100µl/Well). Dose response curve for Tidutamab Biosimilar with the EC50 of 19.1ng/ml determined by ELISA.