

Anti-GPRC5D Antibody (Talquetamab Biosimilar)

Cat. No. AB37



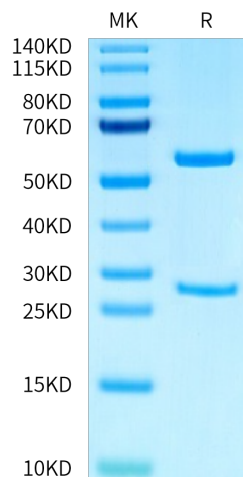
Description	
Reactivities	Human/Cynomolgus/Mouse
Target	GPRC5D
Isotype	Human IgG1-Kappa
Conjugation	Unconjugated
ExpressSystem	HEK293
Applications	ELISA/SPR/BLI
MolecularWeight	51.2 kDa and 23.6 kDa.
Recommended Dilution Buffer	PBS (pH 7.4), contains no stabilizers or preservatives.
Purification	protein A
Sterility	0.2 μ M filtered
Endotoxin	Less than 1 EU per μ g 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	
G protein–coupled receptor, family C, group 5, member D (GPRC5D) is an orphan receptor that is primarily expressed in plasma cells and hard keratinized tissues, with low expression in normal human tissues. GPRC5D expression is enriched in malignant plasma cells and is associated with markers of high-risk myeloma.	

Assay Data

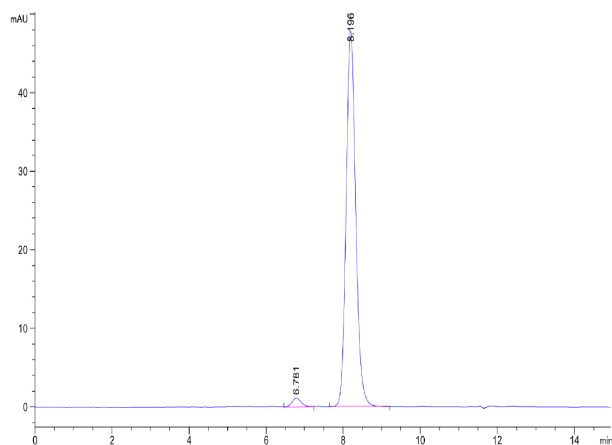
Bis-Tris PAGE



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

SEC-HPLC

Assay Data



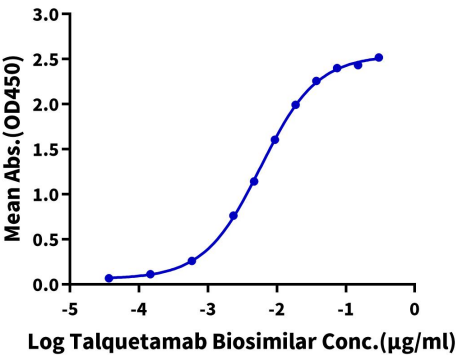
The purity of Talquetamab Biosimilar is greater than 95% as determined by SEC-HPLC.

Assay Data

ELISA Data

Talquetamab Biosimilar ELISA

0.1µg Human GPRC5D Nanodisc, His Tag Per Well



Immobilized Human GPRC5D Nanodisc, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Talquetamab Biosimilar with the EC50 of 5.8ng/ml determined by ELISA.