

Cynomolgus GPRC5D VLP

Cat. No. GPR-CM05P



Description

Source	Recombinant Cynomolgus GPRC5D VLP is expressed from HEK293.
	It contains Met1-Cys300 (It may have cross reaction with anti-His antibody).
Accession	A0A2K5W6I7
Molecular Weight	The target protein has a predicted MW of 35.10 kDa.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by HPLC

Formulation and Storage

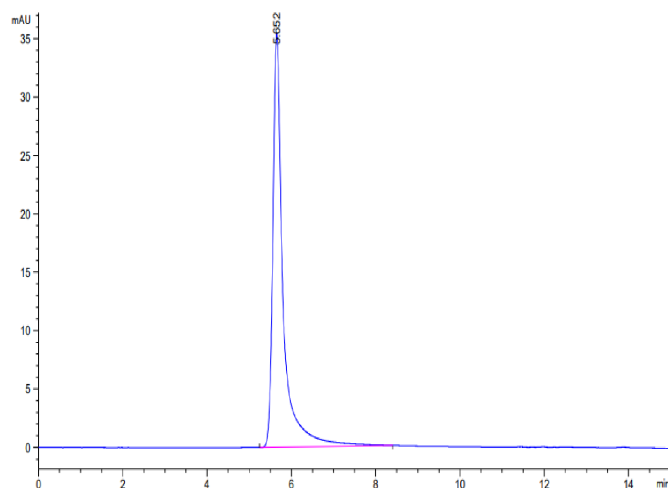
Formulation	Supplied as 0.22 µm filtered solution in PBS, 300mM L-arginine (pH 7.4). Notice: If you need it for immunization, water-soluble adjuvant is recommended.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal 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

SEC-HPLC

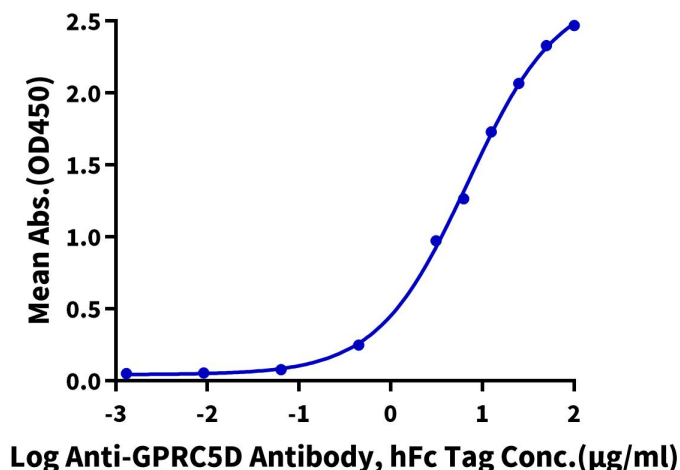


The purity of Cynomolgus GPRC5D VLP is greater than 95% as determined by SEC-HPLC.

ELISA Data

Cynomolgus GPRC5D VLP ELISA

0.5µg Cynomolgus GPRC5D VLP Per Well



Immobilized Cynomolgus GPRC5D VLP (100 µl/well) at 5 µg/ml (100 µl/Well) on the plate. Dose response curve for Anti-GPRC5D Antibody, hFc Tag with the EC₅₀ of 6.91 µg/ml determined by ELISA.