

Human GPRC5D VLP

Cat. No. GPR-HM05P



Description

Source	Recombinant Human GPRC5D VLP is expressed from HEK293.
	It contains Met1-Val345 (It may have cross reaction with anti-His antibody).
Accession	Q9NZD1-1
Molecular Weight	The target protein has a predicted MW of 39.6 kDa.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by HPLC

Formulation and Storage

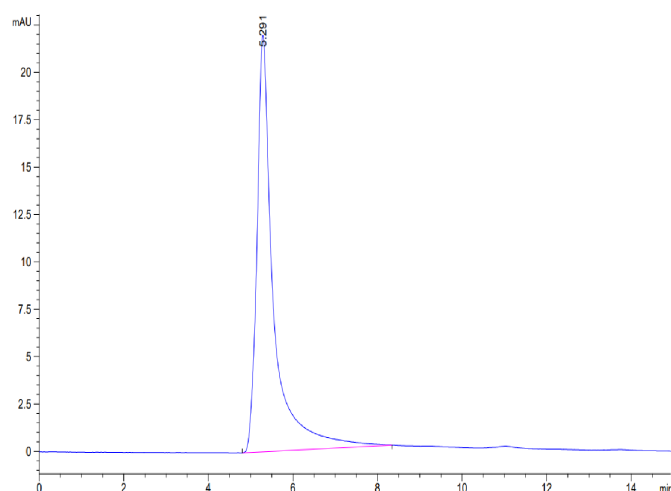
Formulation	Supplied as 0.22 µm filtered solution in PBS, 300mM L-arginine (pH 7.4). Notice: If you need it for immunization, water-soluble adjuvant is recommended.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal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

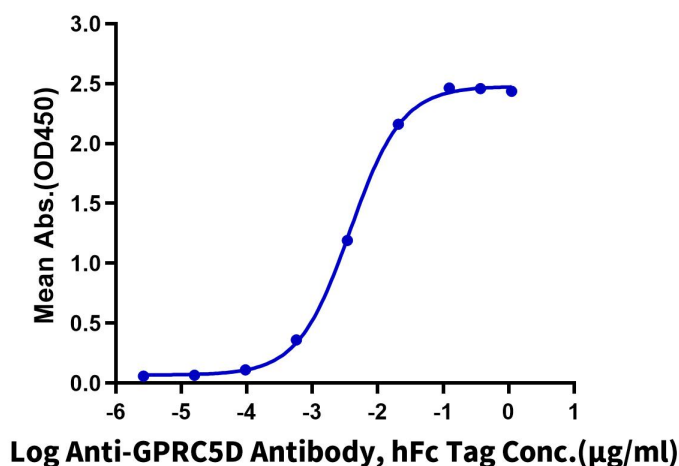


The purity of Human GPRC5D VLP is greater than 95% as determined by SEC-HPLC.

ELISA Data

Human GPRC5D VLP ELISA

0.5µg Human GPRC5D VLP Per Well



Immobilized Human GPRC5D VLP at 5 µg/ml (100 µl/Well) on the plate. Dose response curve for Anti-GPRC5D Antibody, hFc Tag with the EC50 of 3.8 ng/ml determined by ELISA.