

Human GPC3 Protein-VLP

Cat. No. GPC-HE005

Description

Source	Recombinant Human GPC3 Protein-VLP is expressed from E.coli. It contains Gly510-Asn554.
Accession	P51654-1
Molecular Weight	The target protein has a predicted MW of 14 kDa.
Endotoxin	Less than 1 EU per µg by the LAL method.

Formulation and Storage

Formulation	Supplied as 0.22µm filtered solution in 20mM HEPES, 500mM NaCl, 10% Glycerol, 0.1% Tween20 (pH 7.7).
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

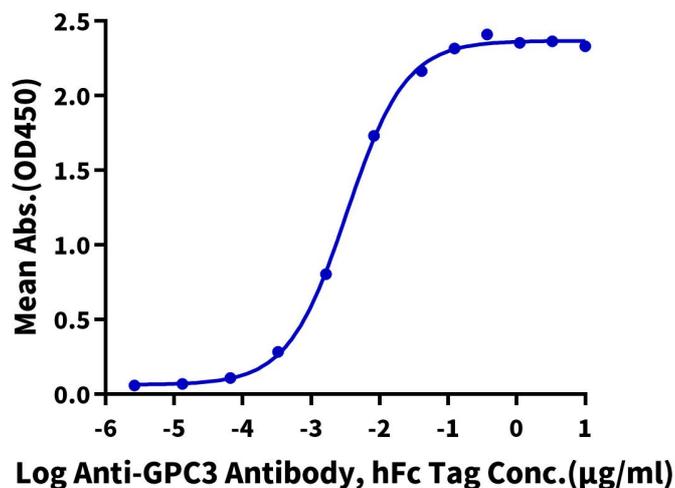
Glypican-3 is a protein, which is encoded by the GPC3 gene in humans. The protein core of GPC3 consists of two subunits, where the N-terminal subunit has a size of ~40 kDa and the C-terminal subunit is ~30 kDa. Glypican 3 is a potential therapeutic target for treating liver cancer and other cancers. Several therapeutic anti-GPC3 antibodies have been developed.

Assay Data

ELISA Data

Human GPC3 VLP ELISA

0.5µg Human GPC3 VLP Per Well



Immobilized Human GPC3 VLP at 5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-GPC3 Antibody, hFc Tag with the EC50 of 3.3ng/ml determined by ELISA.