

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 1EU per μg by the LAL method.

Formulation and Storage

Formulation	Supplied as 0.22 μm 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

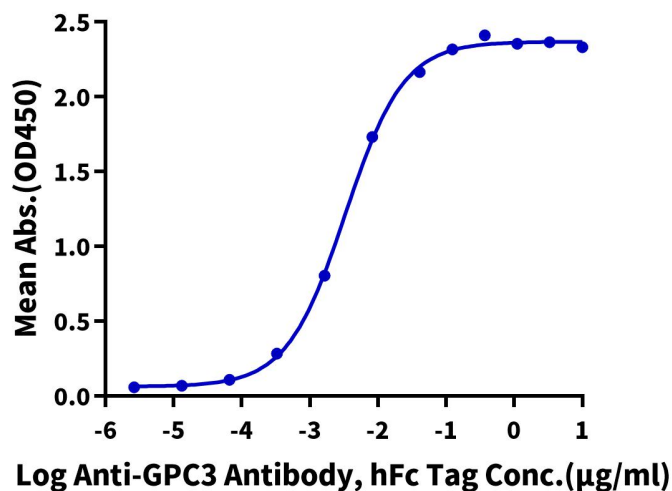
Glypican-3 is a protein, which is encoded by the GPC3 gene in humans. The protein core of GPC3 consists of two subunits, where the N-terminal subunit has a size of ~ 40 kDa and the C-terminal subunit is ~ 30 kDa. Glypican 3 is a potential therapeutic target for treating liver cancer and other cancers.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

Assay Data

ELISA Data

Human GPC3 VLP ELISA

0.5 μg Human GPC3 VLP Per Well



Immobilized Human GPC3 VLP at 5 $\mu\text{g}/\text{ml}$ (100 $\mu\text{l}/\text{Well}$) on the plate. Dose response curve for Anti-GPC3 Antibody, hFc Tag with the EC50 of 3.3ng/ml determined by ELISA.