

# Human GPC3 (510-554) Protein-VLP

Cat. No. GPC-HM004

## Description

<b>Source</b>	Recombinant Human GPC3 (510-554) Protein-VLP is expressed from HEK293. It contains Gly510-Asn554.
<b>Accession</b>	P51654-1
<b>Molecular Weight</b>	The protein has a predicted MW of 18.8 kDa.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE

## Formulation and Storage

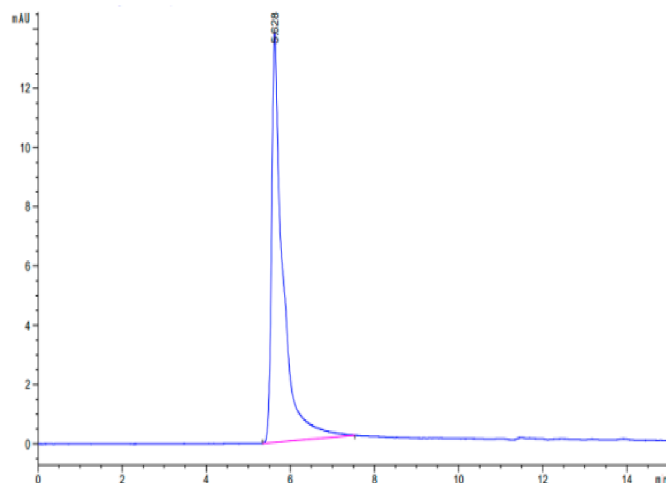
<b>Formulation</b>	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## 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

### SEC-HPLC



The purity of Human GPC3 (510-554) VLP is greater than 95% as determined by SEC-HPLC.