

Rev04
 Update: Feb,06,2026

DATASHEET

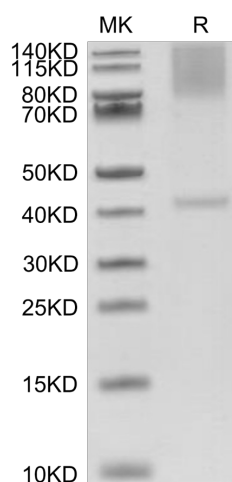
GPC3/Glypican 3, His, Cynomolgus

Cat. No.: Z04133

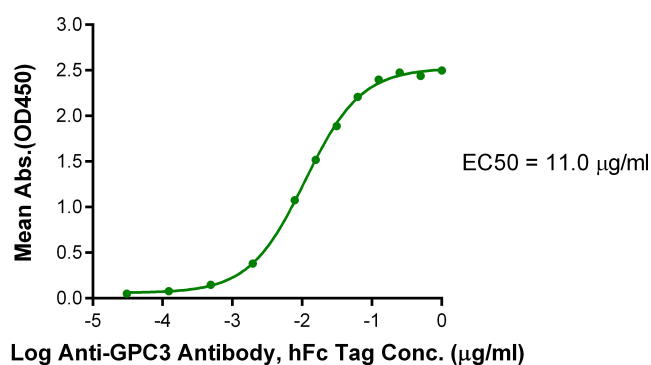
Product Introduction

Species	Cynomolgus
Protein Construction	GPC3/Glypican 3 (Gln25-His559) Accession # XP_005594665.1 His N-term C-term
Purity	> 95% as determined by BisTris PAGE
Endotoxin Level	Less than 1EU per µg by the LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	61.8 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 42 kDa, 70-135 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable for 6 months at -20°C or below. Upon reconstitution, the product should be stable for 3 months at -80°C. Avoid repeated freeze-thaw cycles.

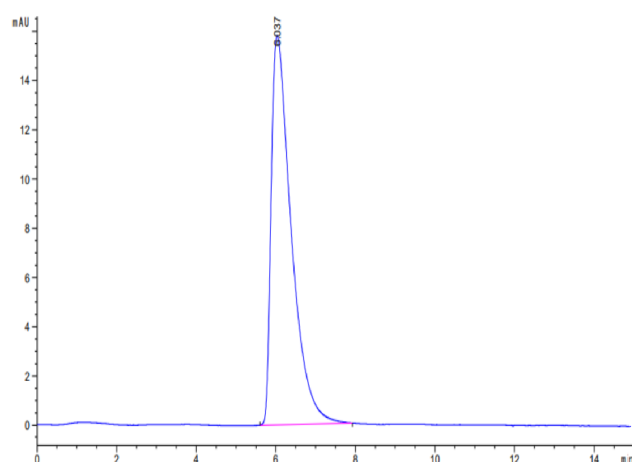
Examples



GPC3/Glypican 3, His, Cynomolgus on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



Immobilized GPC3/Glypican 3, His, Cynomolgus, His Tag at 1 $\mu\text{g/ml}$ (100 μl /well) on the plate. Dose response curve for Anti-GPC3 Antibody, hFc Tag with the EC50 of 11.0ng/ml determined by ELISA.



The purity of GPC3/Glypican 3, His, Cynomolgus is greater than 95% as determined by SEC-HPLC.

Background

Target 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.

Synonyms : GPC3; DGSX; Glypican 3; GTR2-2; MXR7; OCI5; OCI-5; SGB; SGBS; SGBS1SDYS; SDYS; SGBS1

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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