



Certificate of Analysis

Glypican-3/GPC3 Protein, Human (S359F, HEK293, His)

Cat. No.: HY-P78674
Batch No.: 294520
Species: Human
Source: HEK293
Tag: C-His
Accession: P51654 (Q25-H559, S359F)
Gene ID: 2719
Molecular Weight: 68-120 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	93.00%
Endotoxin Level	<0.1 EU/μg, determined by LAL method.	PASS
Biological Activity	Loaded Anti-Human GPC3 Antibody on 96-Flat plate, can bind Human GPC3, with an affinity constant of 6.32 nM as determined in BLI assay (Gator Prime).	PASS
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

Caution: Product has not been fully validated for medical applications. For research use only.

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