

## Glypican-5 Protein, Human (sf9, His)

<b>Cat. No.:</b>	HY-P73079
<b>Synonyms:</b>	Glypican proteoglycan 5; GPC5
<b>Species:</b>	Human
<b>Source:</b>	Sf9 insect cells
<b>Accession:</b>	P78333 (M1-T554)
<b>Gene ID:</b>	2262
<b>Molecular Weight:</b>	Approximately 60.5 kDa

### PROPERTIES

<b>AA Sequence</b>	<pre> MDAQTWPVGF   RCLLLALLVGL   SARSEGVQTC   EEVRKLFQWR LLGAVRGLPD   SPRAGPDLQV   CISKKPTCCT   RKMEERYQIA ARQDMQQFLQ   TSSSTLKFLI   SRNAAAFQET   LETLIKQAEN YTSILFCSTY   RNMALEAAAS   VQEFFTDVGL   YLFGADVNP EFVNRFFDSL   FPLVYNHLIN   PGVTDSSLEY   SECIRMARRD VSPFGNIPQR   VMGQMGRSLL   PSRTFLQALN   LGIEVINTTD YLHFSKECSR   ALLKMQYCPH   CQGLALTKPC   MGYCLNVMRG CLAHMAELNP   HWHAYIRSL   ELSDAMHGTY   DIGHVLLNFH LLVNDAVLQA   HLNQKLLLEQ   VNRICGRPVR   TPTQSPRCSF DQSKEKHGMK   TTRNSEETL   ANRRKEFINS   LRLYRSFYGG LADQLCANEL   AAADGLPCWN   GEDIVKSYTQ   RVVGNGIKAQ SGNPEVKVKG   IDPVINQIID   KLKHVVQLLQ   GRSPKPKWE LLQLGSGGGM   VEQVSGDCDD   EDGCGSGSGS   EVKRTLKITD WMPDDMNFSD   VKQIHQTDTG   STLDTTGAGC   AVAT </pre>
<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Glypican-5 Protein, Human (sf9, His) at 5 µg/mL (100 µl/well) can bind human bFGF with a linear range of 0.156-2.5 ng/mL.
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 50 mM Tris, 100 mM NaCl, pH 8.0
<b>Endotoxin Level</b>	<1 EU/µg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
<b>Storage &amp; Stability</b>	Stored at -20°C. 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.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

---

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA