

# Product Information

## MemDX™ Membrane Protein Human GPC5 (Glypican 5) for Antibody Discovery

Cat. No.: **MP0432X**

This product is for research use only and is not intended for diagnostic use.

This product is a 88.66 kDa Human GPC5 membrane protein expressed in *in vitro* wheat germ expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

### Product Specifications

#### Host Species

Human

#### Target Protein

GPC5

#### Protein Length

Full-length

#### Molecular Weight

88.66 kDa

#### Sequence

MDAQTWPVGFRCLLLLALVGSARSEGVQTCEEVRKLFQWRLLGAVRGLPDSPRAGPDLQVCISKKPTCCTRKMEERYQIAARQDM

### Product Description

#### Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

#### Expression Systems

*in vitro* wheat germ expression system

#### Tag

GST-tag at N-terminal

#### Form

Liquid

#### Purification

Glutathione Sepharose 4 Fast Flow

#### Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

**Storage**

Store at +4°C for up to one week or several months at -80°C

**Target****Target Protein**

GPC5

**Full Name**

Glypican 5

**Introduction**

Cell surface heparan sulfate proteoglycans are composed of a membrane-associated protein core substituted with a variable number of heparan sulfate chains. Members of the glypican-related integral membrane proteoglycan family (GRIPS) contain a core protein anchored to the cytoplasmic membrane via a glycosyl phosphatidylinositol linkage. These proteins may play a role in the control of cell division and growth regulation

**Alternative Names**

OTTHUMP00000018551,bA93M14.1,glypican proteoglycan 5

**Gene ID**

[2262](#)

**UniProt ID**

[P78333](#)