

Datasheet for ABIN1474525  
**GPC1 Protein (AA 24-530) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	GPC1
Protein Characteristics:	AA 24-530
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPC1 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	DPASKSR SCSEVRQIYG AKGFSLSDVP QAEISGEHLR ICPQGYTCCT SEMEENLANH SRMELETALH DSSRALQATL ATQLHGIDDH FQRLNDSER TLQDAFPGAF GDLYTQNTRA FRDLYAELRL YYRGANLHLE ETLAEFWARL LERLFKQLHP QLLLPPDDYLD CLGKQAEALR PFGDAPREL RLRATRAFVAA RSFVQGLGVA SDVVRKVAQV PLAPECSRVA MKLVYCAHCR GVPGARPCPD YCRNVKLGCL ANQADLDAEW RNLLDSMVL I TDKFWGPSGA EYVIGSVHMW LAEAINALQD NKDTLTAKVI QGCGNPKVNP HGS GPPEEKRR RAKLALQEK S STGTLEKLVS EAKAQLRDIQ DYWISLPGTL CSEKMAMSPA SDDRCWNGIS KG RYLPEVMG DGLANQINNP EVEVDITKPD MTIRQQIMQL KIMTNRLRGA YGGNDVDFQD ASDDGSGSGS GGGCPDDACG RRVSKKSSSS RTPLIHALPG LSEQEGQKTS
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

## Product Details

---

Purity: > 90 %

## Target Details

---

Target: GPC1

Alternative Name: Glypican-1 (Gpc1) ([GPC1 Products](#))

Background: Recommended name: Glypican-1.  
Alternative name(s): HSPG M12 Cleaved into the following chain: 1.  
Secreted glypican-1

UniProt: [P35053](#)

Pathways: [Glycosaminoglycan Metabolic Process](#), [Regulation of Muscle Cell Differentiation](#)

## Application Details

---

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

---

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

## Handling

---

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.