Datasheet for ABIN1474723

# GPC2 Protein (AA 22-556) (His tag)

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## Overview

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| Quantity: | 1 mg |
| Target: | GPC2 |
| Protein Characteristics: | AA 22-556 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This GPC2 protein is labelled with His tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | HGSEAKVVR SCAETRQVLG ARGYSLNLIP PSLISGEHLQ ICPQEYTCCS SETEQKLIRD AEVTFRGLVE DSGSFLIHTL AARHRKFNEF FREMLSISQH SLAQLFSHSY GRLYSQHAVI FNSLFSGLRD YYEKSGEGLD DTLADFWAQL LERAFPLLHP QYSFPPDFLL CLTRLTSTAD GSLQPFGDSP RRLRLQITRA LVAARALVQG LETGRNVVSE ALKVPMLEGC RQALMRLIGC PLCRGVPSLM PCRGFCLNVA HGCLSSRGLE PEWGGYLDGL LLLAEKLQGP FSFELAAESI GVKISEGLMH LQENSVKVSA KVFQECGTPH PVQSRNRRAP APREETSRSW RSSAEEERPT TAAGTNLHRL VWELRERLSR VRGFWAGLPV TVCGDSRMAA DLSQEAAPCW TGVGRGRYMS PVVVGSLNEQ LHNPELDTSS PDVPTRRRRL HLRAATARMK AAALGQDLDM HDADEDASGS GGGQQYADDW KAGAAPVVPP ARPPRPPRPP RRDGLGVRGG SGSARYNQGR SRNLGS |
| Specificity: | Rattus norvegicus (Rat) |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time. |

## Product Details

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| Purity: | > 90 % |

## Target Details

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| Target: | GPC2 |
| Alternative Name: | Glypican-2 (Gpc2) (GPC2 Products) |
| Background: | Recommended name: Glypican-2.<br>Alternative name(s): Cerebroglycan HSPG M13 Cleaved into the following chain: 1.<br>Secreted glypican-2 |
| UniProt: | P51653 |
| Pathways: | Glycosaminoglycan Metabolic Process |

## Application Details

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| 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 modificated 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

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| 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

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

 