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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PKM2 (Human) Recombinant Protein (P02)

Catalog Number: H00005315-P02

Regulation Status: For research use only (RUO)

Product Description: Human PKM2 full-length ORF (AAH35198, 1 a.a. - 531 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSKPHSEAGTAFIQTTQLHAAMADTFLEHMCRLDIDS
PPITARNTGIICTIGPASRSVETLKEMIKSGMNVARLNF
SHGTHEYHAETIKNVRTATESFASDPILYRPVAVALDT
KGPEIRTGLIKGSGTAEVELKKGATLKITLDNAYMEKCD
ENILWLDYKNICKVVEVGSKIYVDDGLISLQVKQKGADF
LVTEVENGGSLVSKKGVNLPGAAVDLPAVSEKDIQDLK
FGVEQDQDMVFASFIRKASDVHEVRKVLGEKGNIKIIS
KIENHEGVRRFDEILEASDGIMVARGDLGIEIPAEEKVFL
AQKMMIGRCNRAGKPVICATQMLESMIKKPRPTRAEG
SDVANAVLDGADCIMLSGETAKGDYPLEAVRMQHLLIA
REAEAAIYHLQLFEELRRRAPITSDPTEATAVGAVEASF
KCCSGAIIVLTSGRSAHQVARYRPRAPIIAVTRNPQTA
RQAHLYRGIFPVLCKDPVQEAWAEDVDLRVNFAMNV
GKARGFFKKGDVVIVLTGWRPGSGFTNTMRVVPVP

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 84.15

Interspecies Antigen Sequence: Mouse (98); Rat (94)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5315

Gene Symbol: PKM2

Gene Alias: CTHBP, MGC3932, OIP3, PK3, PKM, TCB, THBP1

Gene Summary: This gene encodes a protein involved in glycolysis. The encoded protein is a pyruvate kinase that catalyzes the transfer of a phosphoryl group from phosphoenolpyruvate to ADP, generating ATP and pyruvate. This protein has been shown to interact with thyroid hormone and may mediate cellular metabolic effects induced by thyroid hormones. This protein has been found to bind Opa protein, a bacterial outer membrane protein involved in gonococcal adherence to and invasion of human cells, suggesting a role of this protein in bacterial pathogenesis. Three alternatively spliced transcript variants encoding two distinct isoforms have been reported. [provided by RefSeq]