

Recombinant Human Pkm protein, His&Myc-tagged

Cat. No. Pkm-2248H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Pkm protein(P52480)(1-531aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in Insect Cell.
Species	Human
Source	Insect Cells
ProteinLength	1-531aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	61.8 kDa
AA Sequence	MPKPHSEAGTAFIQTQQLHAAMADTFLEHMCRLDIDSAPITARNTGIICTIGPASRSV EMLKEMIKSGMNVARLNFSHGTHEYHAETIKNVREATESFASDPILYRPVAVALDTK GPEIRTGLIKGSGTAEVELKKGATLKITLDNAYMEKCDENILWLDYKNICKVVEVGSKI YVDDGLISLQVKEKGADFLVTEVENGGSLGSKKGVNLPGAAVDLPVSEKDIQDLKF GVEQDQVDMVFASFIRKAADVHEVRKVLGEKGKNIISKIENHEGVRRFDEILEASDGI MVARGDLGIEIPAEEKVFLAQKMMIGRCNRAGKPVICATQMLESMIKKPRPTRAEGSD VANAVLDGADCIMLSGETAKGDYPLEAVRMQHLLIAREAEAAIYHLQLFEELRRLAPIT SDPTEAAAVGAVEASFKCCSGAIVLTKSGRSAHQVARYRPRAPIIAVTRNPQTARQA HLYRGIFPVLCKDAVLNAWAEDVDLRVNLAMDVGKARGFFKKGDVVIVLTGWRPGS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	GFTNTMRVVPVP
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	PKM pyruvate kinase, muscle [Homo sapiens]
Official Symbol	Pkm
Synonyms	PK3; TCB; OIP3; PKM2; CTHBP; THBP1
Gene ID	5315
mRNA Refseq	NM_182471.2
Protein Refseq	NP_872271.1
MIM	179050
UniProt ID	P14618

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