

Recombinant Human Pkm protein, His&Myc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human Pkm protein(P52480)(1-531 aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in Insect Cell.
Species	Human
Source	Insect Cells
ProteinLength	1-531 aa
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	MPKPHSEAGTAFIQTTQQLHAAMADTFLEHMCRLDIDSAPITARNTGIICTIGPASRSV EMLKEMIKSGMNVARLNFSHGTHEYHAETIKNVREATESFASDPILYRPVAVALDTK GPEIRTGLIKGSGTAEVELKKGATLKITLDNAYMEKCDENILWLDYKNICKVVEVGSKI YVDDGLISLQVKEKGADFLVTEVENGGSLGSKKGVNLPGAAVDLPVSEKDIQDLKF GVEQDVMVFASFIRKAADVHEVRKVLGEKGKNIKIISKIENHEGVRRFDEILEASDGI MVARGDLGIEIPAEEKVFLAQKMMIGRCNRAGKPVICATQMLESMIKKPRPTRAEGSD VANAVLDGADCIMLSGETAKGDYPLEAVRMQHLIAREAEAAIYHLQLFEELRRLAPIT SDPTEAAAVGAVEASFKCCSGAIIVLTKSGRSAHQVARYRPRAPIIIVTRNPQTARQA HLYRGIFPVLCKDAVLNAWAEDVDLRVNLAMDVVGKARGFFKKGDVVIVLTGWRPGS

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GFTNTMRVVPV

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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