

# Recombinant Human PKM2 protein(Ser2-Pro531), His-tagged

**Cat. No.** PKM2-946H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human PKM2(P14618-1) (Ser 2-Pro 531) was expressed in E. coli, with a polyhistidine tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-531 a.a.
<b>Form</b>	Supplied as sterile PBS, pH 7.0, 10% glycerol.
<b>Molecular Mass</b>	The recombinant human PKM2 consisting of 541 amino acids and migrates as an approximately 59 kDa band in SDS-PAGE under reducing conditions as predicted.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

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<b>Gene Name</b>	PKM2 pyruvate kinase, muscle [ <i>Homo sapiens</i> ]
<b>Official Symbol</b>	PKM2
<b>Synonyms</b>	PKM2; pyruvate kinase, muscle; pyruvate kinase isozymes M1/M2; OIP3; PK3; THBP1; p58; OIP-3; tumor M2-PK; PK, muscle type; pyruvate kinase 2/3; OPA-interacting protein 3; pyruvate kinase muscle isozyme; thyroid hormone-binding protein 1; cytosolic thyroid hormone-binding protein; thyroid hormone-binding protein, cytosolic; PKM; TCB; CTHBP; MGC3932;
<b>Gene ID</b>	5315
<b>mRNA Refseq</b>	NM_001206797
<b>Protein Refseq</b>	NP_001193726
<b>MIM</b>	179050
<b>UniProt ID</b>	P14618

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