

## Recombinant Human PKM Protein, MYC/DDK-tagged

Cat. No. PKM-28H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PKM, transcript variant 3, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>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. Several alternatively spliced transcript variants encoding a few distinct isoforms have been reported.</p>
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	57.9 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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

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