Recombinant Human PKM Protein, MYC/DDK-tagged

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

SPECIFICATION

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

GENE INFORMATION

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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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