

Pyruvate Kinase Active Protein | PKM active protein

Pyruvate Kinase (PK), Rabbit Muscle

CATALOG # AAA44819	HOST Rabbit skeletal muscle
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PRODUCT SYNONYMS

Pyruvate Kinase; Pyruvate Kinase (PK); Rabbit Muscle; ATP:Pyruvate 2-O-phosphotransferase; PK; >250 U/mg; PKM active protein

PRODUCT SPECIFICATIONS

Host	Rabbit skeletal muscle
Form/Format	Powder, lyophilized from tris chloride, pH 7.7
Sequence Length	477
EC Number	2.7.1.40
CAS Number	9001-59-6
Appearance	White to off white powder.
Unit Definition	One unit will catalyze the conversion of one micromole of phosphoenolpyruvate to pyruvate per minute at pH 7.6 and 37 °C.
Activity	460 U/mg
Protein	1.1 mg protein/mg ($E^{0.1\%}_{280nm} = 0.54$)
Specific Activity	430 U/mg protein
Contaminants	CPK: ≤1.0% LDH: ≤0.01%
Reconstitution	Reconstitute with 0.9% saline. Prepare further dilutions in tris buffered saline with 1% BSA. Aliquot and freeze at -20°C after reconstitution.
Handling	Handle as a potentially hazardous substance.
Preparation and Storage	Store at -20°C Protect from moisture

ADDITIONAL INFORMATION

Product Categories/Family for PKM active protein	Proteins; Antigens; Enzymes; Standards/controls; Native Proteins; Pyruvate Kinase (pk)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	39937253
NCBI GeneID	2692385
NCBI Accession #	NP_949529.1
NCBI GenBank Nucleotide #	NC_005296.1
NCBI Official Full Name	pyruvate kinase

NCBI Official Symbol	pyk
NCBI Protein Information	pyruvate kinase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/rabbit-pkm-active-protein/pyruvate-kinase/44819>