
**Tumour Type M2
Pyruvate Kinase**

Human, Recombinant, *E. coli*

Cat. No.: RCP9212

Size: 10µg

Synonym: M2PK, PKM2, Pyruvate kinase 3 isoform 1

Description: Pyruvate kinase is a key enzyme in the glycolytic pathway. The M2 isoenzyme of pyruvate kinase is specifically expressed at high levels in tumour cells, and can be measured in plasma of patients with advanced breast cancer. The marker is useful for measuring disease activity, sensitivity to chemotherapy and recurrence.

RANDOX recombinant M2PK comprises a 531 amino acid fragment (1-531) corresponding to the mature M2PK protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form: Liquid.
Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1%(w/v) SDS, 0.1%(w/v) Bromophenol Blue, 2.5% Glycerol).

Purity: Single band on Western blot.

References: Luftner D. *et al.* (2000) *Anticancer Res.* **20(6D)**: 5077-82.