



Exalpa
biologicals INC

Protein Tyrosine Kinase. Purified from porcine Active Enzyme
Porcine Protein-Tyrosine Kinase Enzyme

BACKGROUND

The importance of protein tyrosine phosphorylation in such diverse cellular processes as proliferation, differentiation and gap-junction communication is reflected in the enormous number of protein tyrosine kinases that have been identified and described in the last thirty years. The roles played by anomalies in expression of these enzymes in cancer and other disease states has made them targets of intense research interest as part of the ongoing search for new therapies. Tyrosine kinases purified from mammalian tissue sources may be valuable to the study of generalized tyrosine phosphorylation or for the generation of specific phosphorylated peptides.

Our PTK enzyme has been purified from porcine kidney utilizing both classical chromatographic procedures as well as affinity chromatography on immobilized substrate of random amino acid copolymers containing tyrosine, but not serine or threonine.

ACTIVITY

PURITY

>85% by SDS-PAGE

APPLICATIONS

ORDERING INFORMATION

CATALOG NUMBER

X1190E

SIZE

500 units

CUSTOMER STORAGE

Product should be stored at -70°C.
Aliquot to avoid freeze/thaw cycles

FORMULATION

Provided in 10mM Tris (pH 7.4)
solution containing 100 mM NaCl, ,
50% glycerol

SHIP CONDITIONS

Ship on dry ice, freeze upon arrival

STABILITY

Products are stable for one year from
purchase when stored properly

CONCENTRATION

See vial for concentration

SOURCE

Porcine kidney

ASSAY METHODS

MATERIALS

PROCEDURE

REFERENCES

PRODUCT SPECIFIC REFERENCES

Last Modified
5/30/2017

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