

Bioactive

# TXK (Human) Recombinant Protein

Catalog # P6565      Size 5 ug

## Applications

### Result of activity analysis

Result of activity analysis

## Specification

<b>Product Description</b>	Human TXK (NP_003319.1, 260 a.a. - 527 a.a.) partial recombinant protein with GST-tag at N-terminal using baculovirus expression system.
<b>Host</b>	Viruses
<b>Form</b>	Liquid
<b>Preparation Method</b>	Baculovirus expression system.
<b>Purification</b>	Glutathione sepharose chromatography.
<b>Purity</b>	0.84
<b>Activity</b>	The activity was measured by off-chip mobility shift assay (MSA). The enzyme was incubated with fluorescence-labeled substrate and Mg (or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device. Substrate: Src tide, ATP: 100 uM.
<b>Quality Control Testing</b>	The purity was assessed by SDS-PAGE/CBB staining.
<b>Storage Buffer</b>	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
<b>Storage Instruction</b>	Stored at -80°C. Aliquot to avoid repeated freezing and thawing.

Note	Result of activity analysis
	Result of activity analysis

## Applications

- Functional Study

## Gene Info — TXK

Entrez GeneID	<a href="#">7294</a>
Protein Accession#	<a href="#">NP_003319.1</a>
Gene Name	TXK
Gene Alias	BTKL, MGC22473, PSCTK5, PTK4, RLK, TKL
Gene Description	TXK tyrosine kinase
Omim ID	<a href="#">600058</a>
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	PTK4 protein tyrosine kinase 4 tyrosine kinase

## Pathway

- [Leukocyte transendothelial migration](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Kidney Failure](#)
- [Tobacco Use Disorder](#)