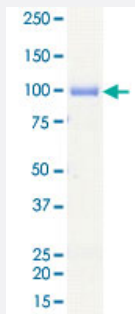


Bioactive

# TNNI3K (Human) Recombinant Protein

Catalog # P5560      Size 5 ug

## Applications



## Result of activity analysis

Result of activity analysis

## Specification

<b>Product Description</b>	Human TNNI3K (NP_057062.1, 1 a.a. - 727 a.a.) partial recombinant protein with His tag expressed in baculovirus infected Sf21 cells.
<b>Host</b>	insect
<b>Theoretical MW (kDa)</b>	108
<b>Form</b>	Liquid
<b>Preparation Method</b>	Baculovirus infected insect cell (Sf21) expression system
<b>Purification</b>	Glutathione sepharose chromatography
<b>Purity</b>	97 % by SDS-PAGE/CBB staining

Activity	The activity was determined by ELISA. The enzyme was incubated with biotinylated peptide in strept avidin-coated ELISA plate. Phosphorylation was detected by HRP-labeled anti-phospho antibody. S ubstrate: Poly-(GT). ATP: 100 uM.
Quality Control Testing	Loading 1 ug protein in SDS-PAGE
Storage Buffer	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.05% Brij35, 1 mM DTT, 10% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

## Applications

- Functional Study
- SDS-PAGE

## Gene Info — TNNI3K

Entrez GeneID	<a href="#">51086</a>
Protein Accession#	<a href="#">NP_057062.1</a>
Gene Name	TNNI3K
Gene Alias	CARK, MGC142099, MGC33828
Gene Description	TNNI3 interacting kinase
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	OTTHUMP00000011170 cardiac ankyrin repeat kinase

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)