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Datasheet for ABIN7319075 TPK1 Protein (His tag)

Overview

Quantity:	50 µg
Target:	TPK1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TPK1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human TPK1 Protein (His Tag)
Sequence:	Met 1-Ser243
Characteristics:	Recombinant Human Thiamin pyrophosphokinase 1 is produced by our Mammalian expression system and the target gene encoding Met1-Ser243 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	TPK1
Alternative Name:	TPK1 (TPK1 Products)
Background:	Background: Thiamin pyrophosphokinase 1 (TPK1), belongs to the thiamine pyrophosphokinase family. TPK1 exists as a homodimer, and is detected in heart, kidney, testis,

Target Details

small intestine and peripheral blood leukocytes, and at very low levels in a variety of tissues.

TPK1 can catalyze the phosphorylation of thiamine to thiamine pyrophosphate. It can also catalyze the phosphorylation of pyrithiamine to pyrithiamine pyrophosphate.

Synonym: Thiamin pyrophosphokinase 1,hTPK1,Placental protein 20,PP20,Thiamine pyrophosphokinase 1,TPK1

Molecular Weight: 28.2 kDa

UniProt: [Q9H3S4](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.