

Recombinant Human Thiamin Pyrophosphokinase 1/TPK1 Protein(C-6His)

Cat.NO.: TP05025

3th Edition

Synonyms:Thiamin pyrophosphokinase 1;hTPK1;Placental protein 20;PP20;Thiamine pyrophosphokinase 1;TPK1

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

Form:PBS

Molecular Weight:28.2 kDa

Sequences:Met 1-Ser243

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.