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Datasheet for ABIN4371043

TPK1 Protein (AA 1-243) (His tag)

Overview

Quantity:	50 µg
Target:	TPK1
Protein Characteristics:	AA 1-243
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TPK1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Thiamin Pyrophosphokinase 1/TPK1 (C-6His)
Sequence:	MEHAFTPLEP LLSTGNLKYC LVILNQPLDN YFRHLWNKAL LRACADGGAN RLYDITEGER ESFLPEFING DFDSIRPEVR EYYATKGCEL ISTPDQDHTD FTKCLKMLQK KIEEKDLKVD VIVTLGGLAG RFDQIMASVN TLFQATHITP FPIIIQEEES LIYLLQPGKH RLHVDTGMEG DWCGLIPVGQ PCSQVTTTGL KWNLTNDVLA FGTLVSTSNT YDGSQVVTVE TDHPLLWTMA IKSVDHHHHH H
Characteristics:	Recombinant Human Thiamin Pyrophosphokinase 1/TPK1 (C-6His)
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	TPK1
Alternative Name:	Thiamin Pyrophosphokinase 1 (TPK1 Products)
Molecular Weight:	28.2 kDa
UniProt:	Q9H3S4

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH2O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	<p>Store at < -20°C, stable for 6 months after receipt.</p> <p>Please minimize freeze-thaw cycles.</p>
Expiry Date:	6 months