

Datasheet for ABIN667835

PDXK Protein (AA 1-312) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	PDXK
Protein Characteristics:	AA 1-312
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDXK protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	PDXK,1-312aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	PDXK
Alternative Name:	PDXK (PDXK Products)
Background:	PDXK converts vitamin B6 to pyridoxal-5-phosphate (PLP), an essential cofactor in the intermediate metabolism of amino acids and neurotransmitters. The encoded protein is cytoplasmic and probably acts as a homodimer. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. Recombinant human PDXK protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using

Target Details

conventional chromatography techniques. Synonyms: Pyridoxal kinase, PKH, PNK, PRED79, Pyridoxine kinase. NCBI no.: NP_003672

Molecular Weight: 37.6 kDa (336aa) confirmed by MALDI-TOF

Application Details

Restrictions: For Research Use only

Handling

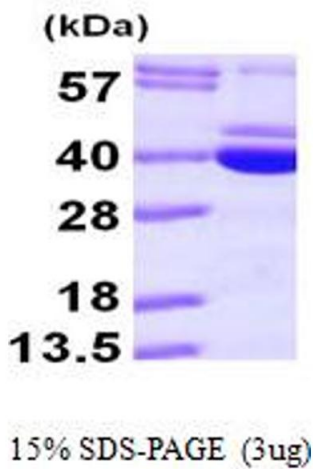
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol

Storage: 4 °C

Images



SDS-PAGE

Image 1.