



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### PDXK (Human) Recombinant Protein (P01)

**Catalog Number:** H00008566-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human PDXK full-length ORF (AAH00123, 1 a.a. - 312 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

```
MEEECRVLISIQSHVIRGYVGNRAATFPLQVLGFEIDAV  
NSVQFSNHTGYAHWKGQVLNSDELQELYEGLRLNNM  
NKYDYVLTGYTRDKSFLAMVVDIVQELKQQNPRLVYV  
CDPVLGDKWDGEGSMYVPEDLLPVYKEKVVPLADIITP  
NQFEAELLSGRKIHSQEEALRVMDMLHSMGPDTVVIT  
SSDLPSQGSNYLIVLGSQRRRNPAAGSVVMERIRMDI  
RKVDAVFVGTGDLFAAMLLAWTHKHPNNLKVACEKTV  
STLHHVLQRTIQCAKAQAGEGVRPSMQLELRMVQSK  
RDIEDPEIVVQATVL
```

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 60.06

**Interspecies Antigen Sequence:** Mouse (86); Rat (85)

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 8566

**Gene Symbol:** PDXK

**Gene Alias:** C21orf124, C21orf97, DKFZp566A071, FLJ31940, FLJ37311, MGC15873, MGC31754, MGC52346, PKH, PNK, PRED79

**Gene Summary:** The protein encoded by this gene phosphorylates vitamin B6, a step required for the conversion of vitamin B6 to pyridoxal-5-phosphate, an important cofactor in intermediary metabolism. 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. [provided by RefSeq]