



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

www.szabo-scandic.com

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

Datasheet

PRPS1 (Human) Recombinant Protein (P01)

Catalog Number: H00005631-P01

Regulation Status: For research use only (RUO)

Product Description: Human PRPS1 full-length ORF (NP_002755.1, 1 a.a. - 318 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPNIKIFSGSSHQDLSQKIADRLGLELGKVVTKKFSNQ
ETCVEIGESVRGEDVYIVQSGCGEINDNLMELLIMINAC
KIASASRVTAVIPCFPYARQDKKDKSRAPISAKLVANML
SVAGADHIITMDLHASQIQGFFDIPVDNLYAEPVVKWI
RENISEWRNCTIVSPDAGGAKRVTSIADRLNVDFALIH
KERKKANEVDRMVLVGDVKDRVAILVDDMADTCGTIC
HAADKLLSAGATRVYAILTHGIFSGPAISRINNACFEAV
VVTNTIPQEDKMKHCSKIQVIDISMILAEAIRRTHNGES
VSYLFSHVPL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 61.2

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: 5631

Gene Symbol: PRPS1

Gene Alias: ARTS, CMTX5, KIAA0967, PPRibP, PRSI

Gene Summary: This gene encodes an enzyme that catalyzes the phosphoribosylation of ribose 5-phosphate to 5-phosphoribosyl-1-pyrophosphate, which is necessary for purine metabolism and nucleotide biosynthesis. Defects in this gene are a cause of phosphoribosylpyrophosphate synthetase superactivity, Charcot-Marie-Tooth disease X-linked recessive type 5 and Arts Syndrome. [provided by RefSeq]