



# 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

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## Datasheet

### PRPS1 (Human) Recombinant Protein (Q01)

phosphoribosylpyrophosphate synthetase superactivity, Charcot-Marie-Tooth disease X-linked recessive type 5 and Arts Syndrome. [provided by RefSeq]

**Catalog Number:** H00005631-Q01

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

**Product Description:** Human PRPS1 partial ORF ( NP\_002755, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MPNIKIFSGSSHQDLSQKIADRLGLELGKVVTKKFSNQ  
ETCVEIGESVRGEDVYIVQSGCGEINDNLMELLIMINAC  
KIASASRVTAVIPCFPYARQDKK

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

**Theoretical MW (kDa):** 36.74

**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