



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

### PPP1R8 (Human) Recombinant Protein (P01)

**Catalog Number:** H00005511-P01

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

**Product Description:** Human PPP1R8 full-length ORF (AAH13360, 1 a.a. - 209 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MGGEDDELKGLLGLPEEETELDNLTEFNHTAHNKRISTL  
TIEEGNLDIQRPKRMRKNSRVTFSEDEIINPEDVDPS  
VGRFRNMVQTAVVPVKKRVEGPGSLGLEESGSRM  
QNFAFSGGLYGGLPPTHSEAGSQPHGIHGHTALIGGLP  
MPYPNLAPDVLTPVPSAVNMNPAPNPAVYNPEAVN  
EPKKKKYAKEAWPGKKPTPSLLI

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

**Theoretical MW (kDa):** 48.73

**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:** 5511

**Gene Symbol:** PPP1R8

**Gene Alias:** ARD-1, ARD1, NIPP-1, NIPP1, PRO2047

**Gene Summary:** This gene, through alternative splicing, encodes three different isoforms. Two of the protein

isoforms encoded by this gene are specific inhibitors of type 1 serine/threonine protein phosphatases and can bind but not cleave RNA. The third protein isoform lacks the phosphatase inhibitory function but is a single-strand endoribonuclease comparable to RNase E of E. coli. This isoform requires magnesium for its function and cleaves specific sites in A+U-rich regions of RNA. [provided by RefSeq]