



# 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

### PARN (Human) Recombinant Protein (P01)

**Catalog Number:** H00005073-P01

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

**Product Description:** Human PARN full-length ORF (AAH50029, 1 a.a. - 639 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MEIIRSNFKSNLHKVYQAIIEADFFAIDGEGFSGISDGPS  
VSALTNGFDTPPEERYQKLLKHSMDLFLFQFGLCTFKY  
DYTDSKYITKSFNFYVFPKPFNRSSPDVKFVCQSSSID  
FLASQGFDFNKVFRNGIPYLNQEEERQLREQYDEKRS  
QANGAGALSYVSPNTSKCVPVTIPEDQKKFIDQVVEKIE  
DLLQSEENKNLDLEPCTGFQRKLIYQTLWKYPKGIHV  
ETLETEKKERYIVISKVDEEERKRREQKHAKQEELN  
DAVGFSRVIHAIANSGLVIGHNMLLDVMHTVHQFYCP  
LPADLSEFKEMTTCVFPRLDTKLMASQPFKDIINNTS  
LAELEKRLKETPFNPPKVESAEGFPSYDTASEQLHEA  
GYDAYITGLCFISMANYLGSFLSPPKIHVSARSKLIEPFF  
NKLFLMRVMDIPYLNLEGPDLQPKRDHVLHVTFPKEW  
KTSQDYLQFSAFGNIQISWIDDTSAFVLSQPEQVKIAV  
NTSKYAESYRIQTYAEYMGRKQEEKQIKRKWTEDSWK  
EADSKRLNPQCIPYTLQNHYYRNNSFTAPSTVGKRNL  
SPSQEEAGLEDGVSGEISDTELEQTDSAEPLSEGRK  
KAKKLRMKKELSPAGSISKNSPATLFEVPDTW

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

**Theoretical MW (kDa):** 96.03

**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:** 5073

**Gene Symbol:** PARN

**Gene Alias:** DAN

**Gene Summary:** The protein encoded by this gene is a 3'-exoribonuclease, with similarity to the RNase D family of 3'-exonucleases. It prefers poly(A) as the substrate, hence, efficiently degrades poly(A) tails of mRNAs. Exonucleolytic degradation of the poly(A) tail is often the first step in the decay of eukaryotic mRNAs. This protein is also involved in silencing of certain maternal mRNAs during oocyte maturation and early embryonic development, as well as in nonsense-mediated decay (NMD) of mRNAs that contain premature stop codons. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]