



Recombinant Human PARN Protein Product Manual

1. Product Basic Information

Product No.: REP07731

Protein Name: Deadenylating Nuclease (PARN)

Aliases: DAN; DKCB6; PFBMFT4; deadenylating nuclease; deadenylation nuclease; poly(A)-specific ribonuclease; poly(A)-specific ribonuclease PARN; polyadenylate-specific ribonuclease

UniProt ID: O95453

UniProt Link: <https://www.uniprot.org/uniprotkb/O95453/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-639aa)

Molecular Weight: 77.5kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-639aa)

MEIIRSNFKSNLHKVYQAIEEADFFAIDGEGFSGISDGPSVSALTNGFDTPPEERYQKLK
KHSMDFLLFQFGLCTFKYDYTDSKYITKSFNFYVFPKPFNRSSPDVKFVCQSSSIDF
LASQGFDFNKVFRNGIPYLNQEEERQLREQYDEKRSQANGAGALSIVSPNTSKCP
VTIPEDQKKFIDQVVEKIEDLLQSEENKNLDLEPCTGFQRKLIYQTLQSWKYPKGIHVE
TLETEKKERYIVISKVDEEERKRREQQKHAKEQEELNDAVGFSRVIHAIANSGLVIG
HNMLLDVMHTVHQFYCPLPADLSEFKEMTTCVFPRLLDTKLMASQPFKDIINNTSL
AELEKRLKETPFNPPKVESAEAGFPSYDTASEQLHEAGYDAYITGLCFISMANYLGSF
LSPPKIHVSARSKLIIEFFNKLFLMRVMDIPYLNLEGPDLQPKRDHVLHVTFPKEWKT
SDLYQLFSAFGNIQISWIDDTSAFVSLSQPEQVKIAVNTSKYAESYRIQTYAEMYGRK
QEEKQIKRKWTEDSWKEADSKRLNPQCIPYTLQNHYYRNNSFTAPSTVGKRNLSP
SQEEAGLEDGVSGEISDTELEQTDSCAEPLSEGRKKAKKLKRMKKELSPAGSISKN
SPATLFEVPDTW

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom



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glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human PARN full length protein (1-639aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. PARN, also known as DAN or DKCB6 or PFBMFT4, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.