



Recombinant Human AGO2 Protein Product Manual

1. Product Basic Information

Product No.: REP06080

Protein Name: Protein Slicer (AGO2)

Aliases: PPD; Q10; CASC7; EIF2C2; LESKRES; LINC00980; protein slicer; protein argonaute-PAZ Piwi domain protein; long intergenic non-protein coding RNA 980

UniProt ID: Q9UKV8

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9UKV8/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Partial (517-818aa)

Molecular Weight: 36.1kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (517-818aa)

LVVVILPGKTPVYAEVKRVGDTVLGMATQCVQMKNVQRTPQTLSNLCLKINVKLG
GVNNILLPQGRPPVFQQPVIFLGADVTHPPAGDGKKPSIAAVVGSMDAHPNRYCAT
VRVQQHRQEIIQDLAAMVRELLIQFYKSTRFKPTRIIFYRDGVSEGQFQQVLHHELLA
IREACIKLEKDYQPGITFIVVQKRHHTRLFCTDKNERVGKSGNIPAGTTVDTKITHPTE
FDFYLCSHAGIQGTSRPSHYHVLWDDNRFSSDELQILTYQLCHTYVRCTRSVSIPAP
AYY AHLVAFRARYHLV

3. Storage Buffer

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



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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 AGO2 partial protein (517-818aa) expressed in Yeast. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. AGO2, also known as PPD or Q10 or CASC7, 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.