



Recombinant Human CALCOCO2 Protein Product Manual

1. Product Basic Information

Product No.: REP06317

Protein Name: Nuclear Dot Protein 52 (CALCOCO2)

Aliases: nuclear dot protein 52; nuclear domain 10 protein 52; nuclear domain 10 protein NDP52; antigen nuclear dot 52 kDa protein

UniProt ID: Q13137

UniProt Link: <https://www.uniprot.org/uniprotkb/Q13137/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-446aa)

Molecular Weight: 58.3 kDa

Protein Tag: N-terminal 10xHis-tagged

2. Amino Acid Sequence (1-446aa)

MEETIKDPPTSAVLLDHCHFSQVIFNSVEKFYIPGGDVTCHYTFTQHFIPRRKDWIGI
FRVGWKTREYYTFMWVTLPIDLNNKSAKQQEVQFKAYYLPKDDEYYQFCYVDED
GVVRGASIPFQFRPENEDILVVTTQGEVEEIEQHNKELCKENQELKDSCISLQKQN
SDMQAELQKKQEELETLQSINKKLELVKEQKDYWETELLQLKEQNQKMSSENEK
MGIRVDQLQAQLSTQEKEMEKL VQGDQDKTEQLEQLKKENDHLFLSLTEQRKDQK
KLEQTVEQMKQNETTAMKKQQELMDENFDLSKRLSENEIICNALQRQKERLEGEND
LLKRENSRLLSYMGLDFNSLPYQVPTSDEGGARQNPGLAYGNPYSGIQESSSPSPL
SIKKCPICKADDICDHTLEQQQMQLCFNCPICDKIFPATEKQIFEDHVFCHSL

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

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 CALCOCO2 full length protein (1-446aa) expressed in E.coli. The protein is with 10xHis tag at the N-terminus, which facilitates protein purification, detection and identification. CALCOCO2, also known as nuclear dot protein 52 or nuclear domain 10 protein 52 or nuclear domain 10 protein NDP52, 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.