

## Recombinant Human CALCOCO2 protein, His-tagged

**Cat. No.** CALCOCO2-277H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CALCOCO2 protein(Q13137)(1-446aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 1-446aa                                                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                 |
| <b>Molecular Mass</b>   | 58.3 kDa                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                     |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**AA Sequence**

MEETIKDPPTSAVLLDHCHFSQVIFNSVEKFYIPGGDVTCHYTFTQHFIPRRKDWIGIF  
 RVGWKTTREYYTFMWVTLPIDLNNKSAKQQEVQFKAYYLPKDDEYYQFCYVDEDG  
 VVRGASIPFQFRPENEEIDLVTQTGEVEEIEQHNLCKENQELKDSCISLQKQNSD  
 MQAELQKKQEELETLSINKKLELVKEQKDYWETELLQLKEQNQKMSSENEKMG  
 RVDQLQAQLSTQEKEMEKLVDQDKTEQLEQLKKENDHLFLSLTEQRKDQKKLE  
 QTVEQMKQNETTAMKKQQELMDENFDLSKRLSENEIICNALQRQKERLEGENDLLK  
 RENSRLLSYMGDLFNSLPYQVPTSDEGGARQNPGLAYGNPYSGIQESSSPSPLSIK  
 KCPICKADDICDHTLEQQQMQLCFNCPICDKIFPATEKQIFEDHVFCHSL

**GENE INFORMATION**

**Gene Name** [CALCOCO2 calcium binding and coiled-coil domain 2 \[ Homo sapiens \]](#)

**Official Symbol** [CALCOCO2](#)

**Synonyms** CALCOCO2; calcium binding and coiled-coil domain 2; calcium-binding and coiled-coil domain-containing protein 2; MGC17318; NDP52; nuclear dot protein 52; nuclear domain 10 protein 52; nuclear domain 10 protein NDP52; antigen nuclear dot 52 kDa protein;

**Gene ID** [10241](#)

**mRNA Refseq** [NM\\_005831](#)

**Protein Refseq** [NP\\_005822](#)

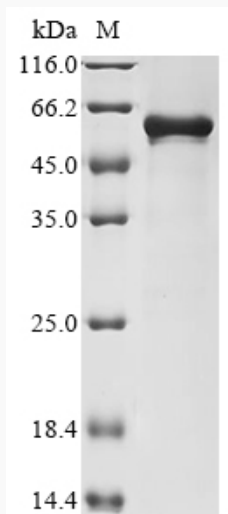
**MIM** [604587](#)

**UniProt ID** [Q13137](#)

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**SDS-PAGE**

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