

## Product datasheet for TP303843

### CALCOCO2 (NM\_005831) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human calcium binding and coiled-coil domain 2 (CALCOCO2), 20 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA** >RC203843 protein sequence  
**Clone or AA Sequence:** Red=Cloning site Green=Tags(s)

MEETIKDPPTSAVLLDHCHFSQVIFNSVEKFYIPGGDVTCHYFTQHFIPRRKDWIGIFRVGWKTTREYY  
TFMWVTLPIDLNNKSAKQQEVQFKAYYLPKDDEYYQFCYVDEEDGVRGASIPFQFRPENEDILVTTQG  
EVEEIEQHNKELCKENQELKDCISLQKQNSDMQAEQKKQELETLSINKKLELKVKEQKDYWETELL  
QLKEQNQKMSSENEKMGIRVDQLQAQLSTQEKEMEKLVQGDQDKTEQLEQLKKENDHLFLSLTEQRKDQK  
KLEQTVEQMKQNETTAMKKQQELMDENFDLSKRLSENEIICNALQRQKERLEGENDLLKRENSRLLSYMG  
LDFNSLPYQVPTSDEGGARQNPGLAYGNPYSGIQESSPSPLSIKKCPICKADDICDHTLEQQMQPLCF  
NCPICDKIFPATEKQIFEDHVFCHSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK  
**Predicted MW:** 52.1 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  
**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  
**Storage:** Store at -80°C.  
**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  
**RefSeq:** [NP\\_005822](#)



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Locus ID: 10241

UniProt ID: [Q13137](#)

RefSeq Size: 3682

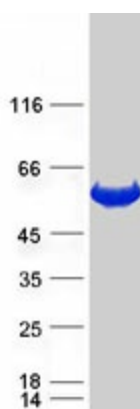
Cytogenetics: 17q21.32

RefSeq ORF: 1338

Synonyms: NDP52

**Summary:** This gene encodes a coiled-coil domain-containing protein. The encoded protein functions as a receptor for ubiquitin-coated bacteria and plays an important role in innate immunity by mediating macroautophagy. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, May 2012]

### Product images:



Coomassie blue staining of purified CALCOCO2 protein (Cat# TP303843). The protein was produced from HEK293T cells transfected with CALCOCO2 cDNA clone (Cat# [RC203843]) using MegaTran 2.0 (Cat# [TT210002]).