

## Product datasheet for **TP303843L**

### 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), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC203843 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MEETIKDPPTSAVLLDHCHFSQVIFNSVEKFYIPGGDVTCHYFTQHFIPRRKDWIGIFRVGWKTTREYY  
TFMWVTLPIDLNNKSAKQQEVQFKAYLPLKDDDEYYQFCYVDEEDGVRGASIPFQFRPENEDILVTTQG  
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:	<a href="#">NP_005822</a>



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Locus ID: 10241

UniProt ID: [Q13137](#)

RefSeq Size: 3682

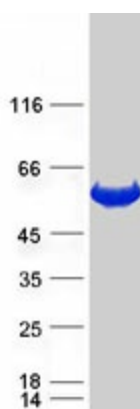
Cytogenetics: 17q21.32

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]).