

Recombinant Full Length Human CALCOCO2 Protein, GST-tagged

Cat. No. CALCOCO2-3050HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CALCOCO2 full-length ORF (NP_005822.1, 1 a.a. - 446 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	446 amino acids
Description	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]
Molecular Mass	78.7 kDa
AA Sequence	MEETIKDPPTSAVLLDHCHFSQVIFNSVEKFYIPGGDVTCHYTFTQHFIPRRKDWIGIF RVGWKTTREYYTFMWVTLPIDLNNKSAKQQEVQFKAYYLPKDDEYYQFCYVDEDG VVRGASIPFQFRPENEEIDLVTQTQGEVEEIEQHNKELCKENQELKQNSD MQAELQKKQEELETLSINKKLELVKEQKDYWETELLQLKEQNQKMSSENEKMG RVDQLQAQLSTQEKEMEKLVQGDQDKTEQLEQLKKENDHFLSLTEQRKDQKKLE QTVEQMKQNETTAMKKQQELMDENFDLSKRLSENEIICNALQRQKERLEGENDLLK RENSRLLSYMGLDFNSLPYQVPTSDEGGARQNPGLAYGNPYSGIQESSPSPLSIK

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KCPICKADDICDHTLEQQQMQLCFNCPICDKIFPATEKQIFEDHVFCHSL

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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](#)

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UniProt ID

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