

Recombinant Human CALCOCO2 Protein, GST-Tagged

Cat. No. CALCOCO2-0293H **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	Wheat Germ
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 VVRGASIPFQFRPENEEILVVTQTGEVEEIEQHNLCKENQELKDSCISLQKQNSD MQAELQKKQEELETLSINKKLELVKEQKDYWETELLQLKEQNQKMSSENEKMG RVDQLQAQLSTQEKEMEKLVGQDQDKTEQLEQLKKENDHLFLSLTEQRKDQKKLE QTVEQMKQNETTAMKKQQELMDENFDLSKRLSENEIICNALQRQKERLEGENDLLK RENSRLLSYMGLDFNSLPYQVPTSDEGGARQNPGLAYGNPYSGIQESSSPSPLSIK KCPICKADDICDHTLEQQQMQLCFNCPICDKIFPATEKQIFEDHVFCHSL
Applications	Enzyme-linked Immunoabsorbent Assay

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	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

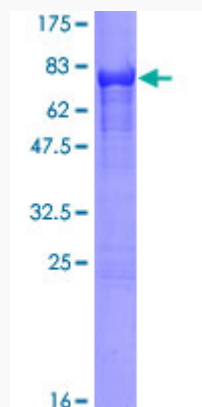
Gene Name	CALCOCO2 calcium binding and coiled-coil domain 2 [Homo sapiens]
Official Symbol	CALCOCO2
Synonyms	CALCOCO2; calcium binding and coiled-coil domain 2; calcium-binding and coiled-coil domain-containing protein 2; MGC17318; NDP52; nuclear dot protein 52; nuclear domain 10 protein 52; nuclear domain 10 protein NDP52; antigen nuclear dot 52 kDa protein;
Gene ID	10241
mRNA Refseq	NM_005831
Protein Refseq	NP_005822
MIM	604587
UniProt ID	Q13137

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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