

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

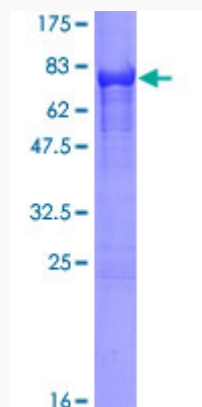
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

	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

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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