

Recombinant Full Length Human CALCOCO2 Protein, C-Flag-tagged

Cat. No. CALCOCO2-770HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CALCOCO2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	52.1 kDa
AA Sequence	MEETIKDPPTSAVLLDHCHFSQVIFNSVEKFYIPGGDVTCHYTFTQHFIPRRKDWIGIF RVGWKTTREYY TFMWVTLPIDLNNKSAKQQEVQFKAYYLPKDDEYYQFCYVDEDG VVRGASIPFQFRPENEEILVVTQTG EVEEIEQHNKELCKENQELKDCISLQKQNS DMQAELQKKQEELETLSINKKLELVKEQKDYWETELL QLKEQNQKMSSSENEKM GIRVDQLQAQLSTQEKEMEKL VQGDQDKTEQLEQLKKENDHLFLSLTEQRKDQK KL EQTVEQMKQNETTAMKKQQELMDENFDLSKRLSENEIICNALQRQKERLEGENDLL KRENSRLLSYMG LDFNSLPYQVPTSDEGGARQNPGLAYGNPYSGIQESSPSPLSI KKCPICKADDICDHTLEQQQMQLCF

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	NCPICDKIFPATEKQIFEDHVFCHSLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	CALCOCO2 calcium binding and coiled-coil domain 2 [Homo sapiens (human)]
Official Symbol	CALCOCO2
Synonyms	NDP52
Gene ID	10241
mRNA Refseq	NM_005831.5
Protein Refseq	NP_005822.1
MIM	604587

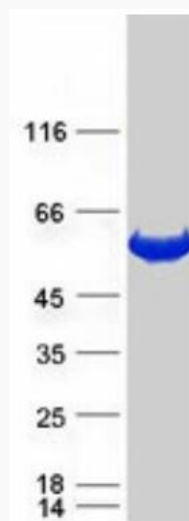
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UniProt ID

Q13137



Coomassie blue staining of purified CALCOCO2 protein.

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