

Product datasheet for PH303843

CALCOCO2 (NM_005831) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CALCOCO2 MS Standard C13 and N15-labeled recombinant protein (NP_005822)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203843
Predicted MW:	52.3 kDa
Protein Sequence:	>RC203843 protein sequence Red=Cloning site Green=Tags(s)
	MEETIKDPPTSAVLLDHCHFSQVIFNSVEKFYIPGGDVTCHYFTQHFIPRRKDWIGIFRVGWKTTREYY TFMWVTLPIDLNNKSAKQEQVQFKAYYLPKDDEYYQFCYVDEGTVRGASIPFQFRPENEEIDLVVTTQG EVEEIEQHNLCKENQELKDSCISLQKQNSDMQAELQKKQEELETLSINKKLELVKEQKDYWETELL QLKEQNQKMSSENEKMGIRVDQLQAQLSTQEKEMEKL VQGDQKTEQLEQLKKENDHLFLSLTEQRKDQK KLEQTVEQMKQNETTAMKKQQLMDENFDL SKR LSENEI ICNALQRQKERLEGENDLLKRENSRLLSYMG LDFNSLPYQVPT SDEGGARQNPGLAYGNPYSGIQESSSPSPLSIKKCPICKADDICDHTLEQQMQPLCF NCPICDKIFPATEKQIFEDHVFCHSL
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_005822</u>
RefSeq Size:	3682
RefSeq ORF:	1338
Synonyms:	NDP52

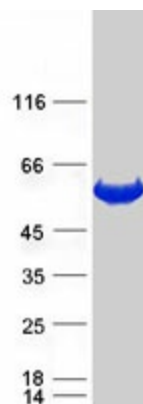


[View online »](#)

Locus ID: 10241
UniProt ID: [Q13137](#)
Cytogenetics: 17q21.32

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]).