

Recombinant Human CALCOCO2, GST-tagged

Cat. No. CALCOCO2-10661H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CALCOCO2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	N-term-283a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	CALCOCO2 calcium binding and coiled-coil domain 2 [Homo sapiens]
Official Symbol	CALCOCO2

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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
Chromosome Location	17q21.32
Function	protein binding; protein homodimerization activity;

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