

Recombinant Human CALCOCO2, His-tagged

Cat. No. CALCOCO2-27798TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 191-446 of Human CALCOCO2 with an N terminal His tag. Observed mwt: 34kDa ;
Species	Human
Source	E.coli
ProteinLength	191-446 a.a.
Description	The protein encoded by this gene is a subunit of nuclear domain 10 (ND10) bodies. ND10 bodies are nuclear domains appearing immunohistochemically as ten dots per nucleus. They are believed to be associated with the nuclear matrix on the basis of their resistance to nuclease digestion and salt extraction. ND10 proteins are removed from the nucleus by herpes simplex virus-1 infection and may have a role in viral life cycles.
Conjugation	HIS
Tissue specificity	Expressed in all tissues tested with highest expression in skeletal muscle and lowest in brain.
Form	Lyophilised:Reconstitute with 95 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	NKKLELKVKEQKDYWETELLQLKEQNQKMSSENEKMGIRV DQLQAQLSTQEKEME KLVQGDQDKTEQLEQLKKENDHL FLSLTEQRKDQKKLEQTVEQMKQNETTAMKKQ QELMDENFDLSKRLSENEIICNALQRQKERLEGENDLLKRENSRLL SYMGLDFNSLP YQVPTSDEGGARQNPGLAYGNPYSGIQ ESSSPSPLSIKKCPICKADDICDHTLEQQ QMQPLCFNCPICDKIFPATEKQIFEDHVFCHSL
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;
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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