

Product datasheet for **TP301375L**

CoCoA (CALCOCO1) (NM_020898) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human calcium binding and coiled-coil domain 1 (CALCOCO1), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201375 protein sequence Red =Cloning site Green =Tags(s)
Tag:	C-Myc/DDK
Predicted MW:	77.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.

MEESPLSRAPSRGGVNFNLNVARTYIPNTKVECHYTLPPGTMPASDWIGIFKVEAACVRDYHTFWSSVP
ESTTDGSPIHSTVQFQASYLPKPGAQLYQFRYVNRQQVCGQSPPFQFREPRMDELVTLEEADGGSDIL
LVVPKATVLQNQLDESQQERNDLMQLKLQLEGQVTELRSRVQELERALATARQEHTELMEQYKGISRSHG
EITEERDILSRQQGDHVARILELEDDIQTISEKVLTKVELDRLRDTVKALTREQEKLGLQKEVQADKE
QSEAEQVAQQENHHLNLDLKEAKSWQEEQSAQAQRLKDKVAQMKDTLGGAAQQRVAELEPLKEQLRGAQE
LAASSQKATLLGEELASAAAARDRTIAELHRSRLEVAEVNGLAELGLHLKEEKQWSKERAGLLQSVE
AEKDKILKLSAEILRLEKAVQEERTQNQVFKTELAREKSSLVQLSESKRELTELSALRVLQKEKEQLQ
EEKQELLEVMRKLEARLEKVADEKWNEDATTEDEEAAVGLSCPAALTDSEDESPEDMRLPPYGLCERGGDP
GSSPAGPREASPLVVISQPAPISPHLSGPAEDSSDSEAEDKSVLMAAVQSGGEEANLLLPELGSFAFYD
MASGFTVGTLSSETSTGGPATPTWKECPICKERFPAESDKDALEDHMDGHFFSTQDPPTFE

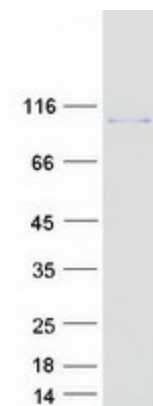
TRTRPLEQKLISEEDLAANDILDYKDDDDKV



[View online »](#)

Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_065949
Locus ID:	57658
UniProt ID:	Q9P1Z2 , A0A024RAZ1
RefSeq Size:	3046
Cytogenetics:	12q13.13
RefSeq ORF:	2073
Synonyms:	calphoglin; Cocoa; PP13275
Summary:	Functions as a coactivator for aryl hydrocarbon and nuclear receptors (NR). Recruited to promoters through its contact with the N-terminal basic helix-loop-helix-Per-Arnt-Sim (PAS) domain of transcription factors or coactivators, such as NCOA2. During ER-activation acts synergistically in combination with other NCOA2-binding proteins, such as EP300, CREBBP and CARM1. Involved in the transcriptional activation of target genes in the Wnt/CTNNB1 pathway. Functions as a secondary coactivator in LEF1-mediated transcriptional activation via its interaction with CTNNB1. Coactivator function for nuclear receptors and LEF1/CTNNB1 involves differential utilization of two different activation regions (By similarity). In association with CCAR1 enhances GATA1- and MED1-mediated transcriptional activation from the gamma-globin promoter during erythroid differentiation of K562 erythroleukemia cells (PubMed:24245781). [UniProtKB/Swiss-Prot Function]
Protein Families:	Transcription Factors

Product images:



Coomassie blue staining of purified CALCOCO1 protein (Cat# [TP301375]). The protein was produced from HEK293T cells transfected with CALCOCO1 cDNA clone (Cat# [RC201375]) using MegaTran 2.0 (Cat# [TT210002]).