

Product datasheet for TP309158L

CDAN1 (NM_138477) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human congenital dyserythropoietic anemia, type I (CDAN1), 1 mg
Species: Human
Expression Host: HEK293T
Expression cDNA >RC209158 representing NM_138477
Clone or AA Sequence: Red=Cloning site Green=Tags(s)

MAAVLESLLREEVSAAVRWIARSTQGS EDNAGEAAALSSLRALRKEFVPFLLNFLREQSSRVLPQGPP
 TPAKTPGASAALPGRPGGPPRGRSGARSQ LFPPT EAQSTAAEAPLARRGRRRGPGPARERGGRGLEEGV
 SGESLPGAGGRRRLRGS GSPSRPSL T L S D P P N L S N L E E F P P V G S V P P G P T G T K P S R R I N P T P V S E E R S L S K
 PKTCFTSPPI SCVPS S Q P S A L D T S P W G L G L P P G C R S L Q E E R E M L R K E R S K Q L Q Q S P T P T C P T P E L G S P L P
 SRTGSLTDEPADPARVSSRQRLELVALVYSSCIAENLVPNLFLELFFVFQLLTARRMVTAKDSDPELSPA
 VLDSLESPLFQSIHDCVFFAVQVLECHFQVLSNLDKGT L K L L A E N E R L L C F S P A L Q G R L R A A Y E G S V A K V
 FLVMPPTSTQAVSFQPETDNANFSSDRAFHTFKKQRDVFYEVLEWEDHHEEPGWDFEKGLGSRIRAMMG
 QLSAACSHSHFVRLFQKQLLQMCQSPGGAGGTVLGEAPDVL S M L G A D K L G R L W R L Q E R L M A P Q S S G G P C P
 PPTFPGCQGGFRDFILSASSFQFNQHLMDSLSLKIQELNGLALPQHEPNDEDGESDVDWQGERKQFAVVL
 LSLRLLAKFLGFVAFLPYRGPEPPPTGELQDSILALRSQVPPVLDVRTLLQRGLQARRAVLTPWLVEFL
 SFADHVVPLLEYYRDIFL L L R L H R S L V S Q E S E G K M C F L N K L L L L A V L G W L F Q I P T V P E D L F F L E E G P S
 YA FE V D T V A P E H G L D N A P V V D Q Q L L Y T C C P Y I G E L R K L L A S W S G S S G R S G G F M R K I T P T T T T S L G A Q P S
 QTSQGLQAQLAQAFFHNQPPSLRRTVEFVAERIGSNVCV K H I K A T L V A D L V R Q A E S L L Q E Q L V T Q G E E G D
 PAQLLEILCSQLCPHGAQALALGREFCQRKSPGAVRALLPEETPAAVLSSAENI AVGLATEKACAWLSAN
 ITALIRREVKA AVSRTLRAQGP EPAARGERRGCSRACEHHAPLPSHLISEIKDVL S L A V G P R D P D E G V S P
 EHLEQLLGGQLGQTLRCRQFLCPPAEQHLAKCSVELASLLVADQIPILGPPAQYRLERQARRLLHM L L S L
 WKEDFQGPVPLQLLLSPRNVGLLADTRPREWDLLL F L L R E L V E K G L M G R M E I A C L G S L H Q A Q W P G D F A E
 ELATLSNLFLAEPHLPEPQLRACELVQPNRGTVLAQS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

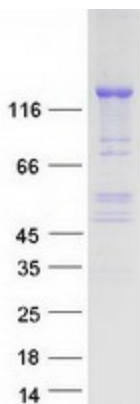
Tag: C-Myc/DDK
Predicted MW: 133.9 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining



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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.
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_612486
Locus ID:	146059
UniProt ID:	Q8IWY9
RefSeq Size:	4757
Cytogenetics:	15q15.2
RefSeq ORF:	3681
Synonyms:	CDA1; CDAI; CDAN1A; DLT; PRO1295
Summary:	This gene encodes a protein that appears to play a role in nuclear envelope integrity, possibly related to microtubule attachments. Mutations in this gene cause congenital dyserythropoietic anemia type I, a disease resulting in morphological and functional abnormalities of erythropoiesis. [provided by RefSeq, Jul 2009]

Product images:



Coomassie blue staining of purified CDAN1 protein (Cat# [TP309158]). The protein was produced from HEK293T cells transfected with CDAN1 cDNA clone (Cat# [RC209158]) using MegaTran 2.0 (Cat# [TT210002]).