

Product datasheet for TP309158

CDAN1 (NM_138477) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human congenital dyserythropoietic anemia, type I (CDAN1), 20 µg
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
 SGESLPGAGGRRRLRGSGSPSRPSL TSDPPNLSNLEEFPPVGSVPPGPTGTKPSRRINPTPVSEERSLSK
 PKTCFTSPPI SCVPSSQPSALD TSPWGLGLPPGCRSLQEEREMLRKERSKQLQQSPTPTCPTPELGSPLP
 SRTGSLTDEPADPARVSSRQRLELVALVYSSCIAENLVPNLFLELFFVFQLLTARRMVTAKDSDPELSPA
 VLDSLESPLFQSIHDCVFFAVQVLECHFQVLSNLDKGT LKLLAENERLLCFSPALQGRLRAAYEGSVAKV
 FLVMPPTSTQAVSFQPETDN RANFSSDRAFHTFKKQRDV FYEVLREWEDHHEEPGWDFEKGLGSRIRAMMG
 QLSAACSHSHFVRLFQKQLLQMCQSPGGAGGTVLGEAPDVL SMLGADKLGRLWRLQERLMAPQSSGGPCP
 PPTFPGCQGGFRDFILSASSFQFNQHLMDSLSLKIQELNGLALPQHEPNDEGEDSDVDWQGERKQFAVVL
 LSLRLLAKFLGFVAFLPYRGPEPPPTGELQDSILALRSQVPPVLDVRTL LQRLQARRAVLTPWLVEFL
 SFADHVVPLLEYYRDIFL LRLHRSVLSQESEGKMCFLNKL LLLAVLGWLFQIPTVPEDLFFLEEGPS
 YAFEVDTVAPEHGLDNAPVVDQQLLYTCCPYIGELRKL LASWVSGSSGRSGGFMRKITPTTTTSLGAQPS
 QTSQGLQAQLAQAFFHNQPPSLRRTVEFVAERIGSN CVKHIKATLVADLVRQAESLLQEQLVTQGEEGGD
 PAQLLEILCSQLCPHGAQALALGREFCQRKSPGAVRALLPEETPAAVLSSAENI AVGLATEKACAWLSAN
 ITALIRREVKA AVSRTLRAQGP EPAARGERRGCSRACEHHAPLPSHLISEIKDVL SLAVGPRDPDEGVSP
 EHLEQLLGGQLGQTLRCRQFLCPPAEQHLAKCSVELASLLVADQIPILGPPAQYRLER GQARRLLHM LLSL
 WKEDFQGPVPLQLLLSPRNVGLLADTRPREWDLLL FLLRELVEKGLMGRMEIEACL GSLHQAQWPGDFAE
 ELATLSNLF LAEPHLPEPQLRACELVQPNRGTVLAQS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

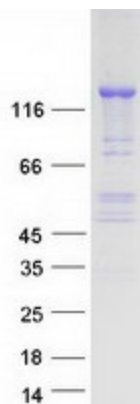
Tag: C-Myc/DDK
Predicted MW: 133.9 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining



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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]).