

## Product datasheet for TP309158M

### CDAN1 (NM\_138477) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human congenital dyserythropoietic anemia, type I (CDAN1), 100 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  
SGESLPGAGGRRRLRSGSPSRPSLTLSDPPNLSNLEEFPPVGSVPPGPTGTKPSRRINPTPVSEERSLSK  
PKTCFTSPPI SCVPSSQPSALDTS PWGLGLPPGCRSLQEEREMLRKERSKQLQQSPTPTCPTPELGSPLP  
SRTGSLTDEPADPARVSSRQRLELVALVYSSCIAENLVPNLFLELFFVFQLLTARRMVTAKDSDPELSPA  
VLDSLESPLFQSIHDCVFFAVQVLECHFQVLSNLDKGT LKLLAENERLLCFSPALQGRLRAAYEGSVAKV  
FLVMPPSTQAVSFQPETDNANRANFSSDRAFHTFKKQRDV FYEVLREWEDHHEEPGWDFEKGLGSRIRAMMG  
QLSAACSHSHFVRLFQKQLLQMCQSPGGAGGTVLGEAPDVL SMLGADKLGRLWRLQERLMAPQSSGGPCP  
PPTFPGCQGGFRDFILSASSFQFNQHLMDSLSLKIQELNGLALPQHEPNDEGEDSDVDWQGERKQFAVVL  
LSLRLAKFLGFVAFLPYRGPEPPPTGELQDSILALRSQVPPVLDVRTLLQRGLQARRAVLTPWLVEFL  
SFADHVVPLLEYYRDIFL LRLHRSVLSQESEGKMCFLNKL LLLAVLGWLFQIPTVPEDLFFLEEGPS  
YAFEVDTVAP EHG L DNAPVVDQQLLYTCCPYIGELRKL LASWVSGSSGRSGGFMRKITPTTTTSLGAQPS  
QTSQGLQAQLAQAFFHNQPPSLRRTVEFVAERIGSN CVKHIKATLVADLVRQAESLLQEQLVTQGE EGGD  
PAQLLEILCSQLCPHGAQALALGREFCQRKSPGAVRALLPEETPAAVLSSAENI AVGLATEKACAWLSAN  
ITALIRREVKA AVSRTLRAQGP EPAARGERRGCSRACEHHAPLPSHLISEIKDVL SLAVGPRDPDEGVSP  
EHLEQLLGGQLGQTLRCRQFLCPPAEQHLAKCSVELASLLVADQIPILGPPAQYRLER GQARRLLHM LLSL  
WKEDFQGPVPLQLLLSPRNVGLLADTRPREWDLLL FLLRELVEKGLMGRMEIEACLGSLHQAQWPGDFAE  
ELATLSNLFLAEPHLPEPQLRACELVQPNRGTVLAQS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

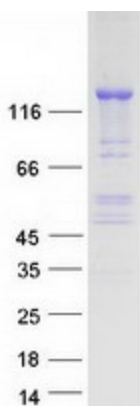
Tag:	C-Myc/DDK
Predicted MW:	133.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



[View online »](#)

<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_612486</a>
<b>Locus ID:</b>	146059
<b>UniProt ID:</b>	<a href="#">Q8IWY9</a>
<b>RefSeq Size:</b>	4757
<b>Cytogenetics:</b>	15q15.2
<b>RefSeq ORF:</b>	3681
<b>Synonyms:</b>	CDA1; CDAI; CDAN1A; DLT; PRO1295
<b>Summary:</b>	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]).