

## Product datasheet for PH309158

### CDAN1 (NM\_138477) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CDAN1 MS Standard C13 and N15-labeled recombinant protein (NP_612486)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209158
Predicted MW:	133.9 kDa
Protein Sequence:	>RC209158 representing NM_138477 Red=Cloning site Green=Tags(s)

MAAVLESLLREEVSVAAVVRWIARSTQGSSEDNAGEAAALSSLRALRKEFVPFLLNFLREQSSRVLPQGPPTPAKTPGASAAALPGRPGGPPRGRSQRGARSQLEFPPTAEQSTAAEAPLARRGRRRGGPARERGGRLGEEVSGESLPGAGGRRRLRSGSPSRPSLTLSDPPNLSNLEEFPPVGSVPPGPTGTKPSRRINPTPVSEERSLSKPKTCFTSPPIISCVSSQPSALDTSWGLGLPPGCRSLQEEREMLRKERSKQLQQSPTPTCPTPELGSPLPSRTGSLTDEPADPARVSSRQRLELVALVYSSCIAENLVPNFLFLELFFVFQLLTARRMVTAKDSDPELSPAVLDSLESPLFQSIHDCVFFAVQVLECHFQVLSNLDKGTLLKLAENERLLCFSPALQGRRAAYEGSVAKVFLVMPPSTQAVSFQPETDNANFSSDRAFHTFKKQRDVFYEVLREWEDHHEEPGWDFEKGLGSRIRAMMGQLSAACSHSHFVRLFQKQLLQMCQSPGGAGGTVLGEAPDVL SMLGADKLGRLWRLQERLMAPQSSGGPCPPPTFFPGCQGFRRDFILSASSFQFNQHLMDLSLKIQELNGLALPQHEPNDEGDGSDVDWQGERKQF AVVLLSLRLLAKFLGFVAFLPYRGPEPPPTGELQDSILALRSQVPPVLDVTRLLQQRGLQARRAVLTVPWVLEL SFADHVPLLEYYRDI FTLLLRLHRSLVLSQESEGMCFLNKLLLLAVLGWLFQIPTVPEDLFFLEEGPSYAFEVDTVAPEHGLDNAPVVDQQLLYTCCPYIGELRKLASWVSGSSGRSGGFMRKITPTTTTSLGAQPSQTSQGLQAQLAQAFFHNQPPSLRRTVEFVAERIGSNCKHIKATLVADLVRQAESLLQEQLVTQGEEGDPAQLLEILCSQLCPHGAQALALGREFCQRKSPGAVRALLPEETPAAVLSSAENI AVGLATEKACAWLSANITALIRREVKAAVSRTLRAQGEPAARGERRGCSRACEHHAPLPSHLISEIKDVL SLAVGPRDPDEGVSP EHLQQLLGGQLGQTLRCRQFLCPPAEQHLAKCSVELASLLVADQIPILGPPAQYRLERQARRLLHMLLSLWKEDFQGPVPLQLLLSPRNVGLLADTRPREWDL LLLFLLRELVEKGLMGRMEIEACLGS LHQAQWP GDFAEELATLSNLF LAEPHLPEPQLRACELVQPNRGTVLAQS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

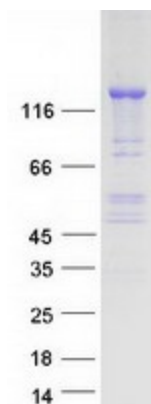
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine



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Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_612486</a>
RefSeq Size:	4757
RefSeq ORF:	3681
Synonyms:	CDA1; CDAI; CDAN1A; DLT; PRO1295
Locus ID:	146059
UniProt ID:	<a href="#">Q8IWY9</a>
Cytogenetics:	15q15.2
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]).