

Specifications:

Gene:	<i>hDAXX</i>
Accession:	NP_001341.1
Insert size:	2236bp
Concentration:	10µg at 0.2µg/µL

***hDaxx* cDNA Plasmid**

DAXX death domain associated protein [*Homo sapiens* (human)]

Also known as: DAP6; EAP1;
BING2; SMIM40

Summary:

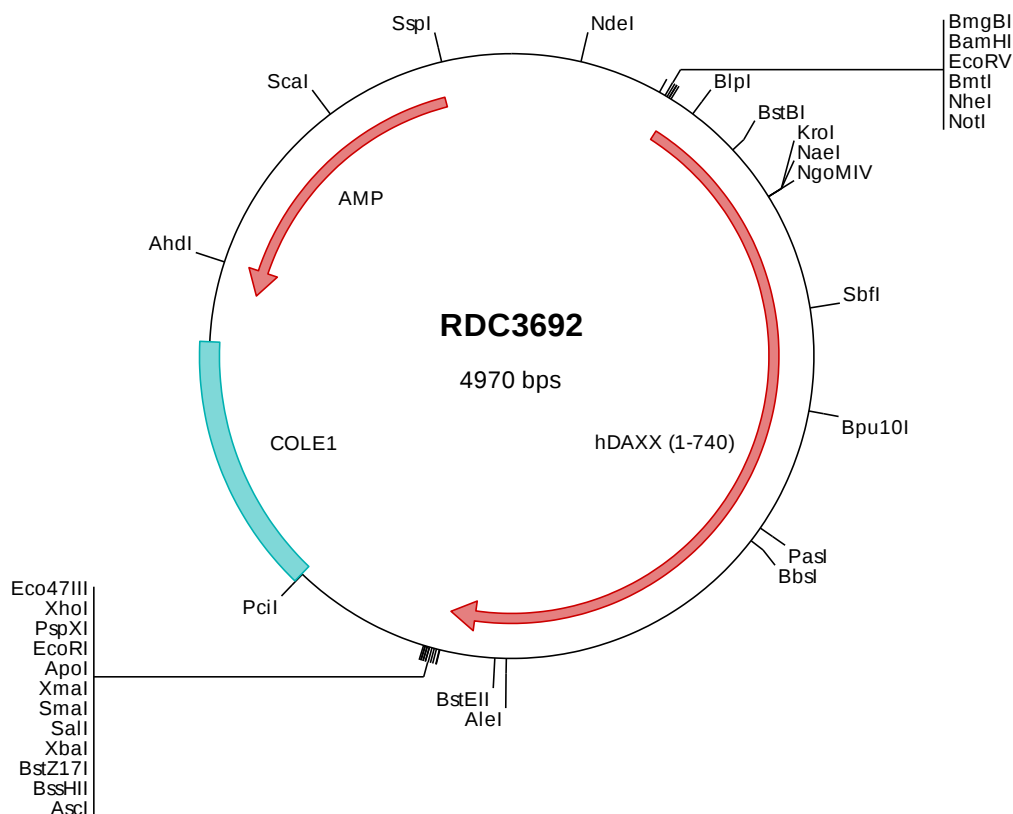
DAXX is a multifunctional protein that resides in multiple locations in the nucleus and in the cytoplasm. It interacts with a wide variety of proteins, such as apoptosis antigen Fas, centromere protein C, and transcription factor erythroblastosis virus E26 oncogene homolog 1. In the nucleus, DAXX functions as a potent transcription repressor that binds to sumoylated transcription factors. Its repression can be relieved by the sequestration of this protein into promyelocytic leukemia nuclear bodies or nucleoli. It also associates with centromeres in G2 phase. In the cytoplasm, DAXX may function to regulate apoptosis.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3692 Plasmid DNA Sequence

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1   tcgcgcgcttt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccggggagca gacaagcccc
101  tcaggggcgcg tcagcggggtg ttggcggggtg tcggggcgctg cctaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctcgcc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagctt ggcgaaaagg ggaatgtgtg caaggcgatt aagttgggta agcccgagggt tttcccgatc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgcacac atggccaccc ctggtgctgc ctaacagcat catcgtgctg gatgatgatg acgaaagtga
501  agcagctgct cagccagggc cctccacccc actcccaaat cggcgctcac ctggggcaga agccctagc tctctgagc ctcatggggc cagagggaagc
601  agtagttcgg gcggcaagaa atgctacaag ctgggagaat agaagctgtt cgaagagttc cttgaacttt gtaagatgca gacagcagac caccctgagg
701  tggtaaccatt cctctataac cggcagcaac gtgcccactc tctgtttttg gctctggcgg agttctgcaa catcctctct agggctctgt ctggggcccg
801  gagcgggcca gccaaagctc atgtctacat caatgagctc tgcactgttc tcaaggccca ctccagccaa aagaagctga acttggcccc tgcggccacc
901  acctccaatg agccctctgg gaataacct cccacacacc tctccttggg cccacaaaat gctgaaaaca ctgcctctca gtctccaagg acccgtgggt
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> RDC3692 Translated Insert Sequence

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201  eirrlqekel dlselddpds aylqearlkr klirlfgrlc elkdcsslgt rvieqripyr gtrypevnrr ierlinkpgp dtfpdygdvl ravekaarh
301  slglprqqlq lmaqdafrdv girlqerrhl dliynfgchl tddyprgvpd alsdpvlarr lrenrslams rldeviskya mlqdkseege rkkrrarlqg
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501  qisneknlep gkqisrsgge qqnkgriwsp sllseeplap ssidaesnge qpeeltleee spvsqflele iealpldtps svetdisssr kqseepfttv
601  lengagmvss tsfnggvspsh nwgdsppck ksrkekktgt sgplnysve rqrsvhekng kkictlpspp splaslapva dsstrvdspsh hglvtsslci
701  psparlstqp hsqpprpytc ktvatqcdp eeilvlsdsd

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