

Recombinant Human DAXX Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DAXX-4829H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DAXX MS Standard C13 and N15-labeled recombinant protein (NP_001135441) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes 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, the encoded protein 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. This protein also associates with centromeres in G2 phase. In the cytoplasm, the encoded protein may function to regulate apoptosis. The subcellular localization and function of this protein are modulated by post-translational modifications, including sumoylation, phosphorylation and polyubiquitination. Alternative splicing results in multiple transcript variants.
Molecular Mass	81.4 kDa
AA Sequence	MATANSIIVLDDDDDEDEAAAQPGPSHPLPNAASPGAEAPSSSEPHGARGSSSSGGK KCYKLENEKLFEEFLELCKMQTADHPEVVPFLYNRQQRASLFLASAEFCNILSRVL

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SRARSRPAKLYVYINELCTVLKAHSAKKKLNLAAPAATTSNEPSGNNPPTHLSLDPTN
 AENTASQSPRTRGSRRQIQRLQLLALYVAEIRRLQEKELDLSELDDPDSAYLQEAR
 LKRKLIRLFGRLCELKDCSSLTGRVIEQRIPIYRGTRYPEVNRRIERLINKPGPDTFPDY
 GDVLRAVEKAAARHSLGLPRQQLQLMAQDAFRDVGIRLQERRHLDLIYNFGCHLTD
 DYRPGVDPALSDPVLARRLRENRLAMSRLDEVISKYAMLQDKSEEGERKKRRARL
 QGTSSHSADTPEASLDSGEGPSGMASQGCPSASRAETDDEDDEESDEEEEEEEEE
 EEEEEATDSEEEEDLEQMQUEGQEDDEEEDEEEEAAGKDGDKSPMSSLQISNEKNL
 EPGKQISRSSGEQQNKGRIVSPSLLSEEPLAPSSIDAESNGEQPEELTEEESPVSQ
 LFELEIEALPLDTPSSVETDISSSRKQSEEPFTTVLENGAGMVSSTSFNGGVSPHNW
 GDSGPPCKKSRKEKKQTGSGPLGNSYVERQRSVHEKNGKKICTLPSPSPPLASLAP
 VADSSTRVDSPSHGLVTSSLCIPSPARLSQTPHSQPPRPGTCKTSVATQCDPEEIIVL
 SDSLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name DAXX death-domain associated protein [Homo sapiens (human)]

Official Symbol DAXX

Synonyms DAXX; death-domain associated protein; death associated protein 6; death domain-

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associated protein 6; DAP6; Fas-binding protein; CENP-C binding protein; ETS1-associated protein 1; death-associated protein 6; fas death domain-associated protein; EAP1; BING2; MGC126245; MGC126246;

Gene ID 1616

mRNA Refseq NM_001141969

Protein Refseq NP_001135441

MIM 603186

UniProt ID Q9UER7

SDS-PAGE

