

Recombinant Human DAXX Protein, GST-tagged

Cat. No. DAXX-2352H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DAXX full-length ORF (NP_001341.1, 1 a.a. - 740 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Nov 2008]
Molecular Mass	107.8 kDa
AA Sequence	MATANSIIVLDDDDDEDEAAAQPGPSHPLPNAASPGAEAPSSSEPHGARGSSSSGGK KCYKLENEKLFEEFLELCKMQTADHPEVVPFLYNRQQRHSLFLASAEFCNILSRVL

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SRARSRPAKLYVYINELCTVLKAHSAKKKLNLA PAATTSNEPSGNNPPTHLSLDPTN
 AENTASQSPRTRGSRRQIQRLQLLALYVAEIRRLQEKELDLSELDDPDSAYLQEAR
 LKRKLIRLFGRLCELKDCSSLTGRVIEQRIPIYRGTRYPEVNRRIERLINKPGPDTFPDY
 GDVLRAVEKAAARHSLGLPRQQLQLMAQDAFRDVGIRLQERRHLDLIYNFGCHLTD
 DYRPGVDPALSDPVLARRLRENRLAMSRLDEVISKYAMLQDKSEEGERKKRRARL
 QGTSSHSADTPEASLD SGEGPSGMASQGCPSASRAETDDEDDEESDEEEEEEEEE
 EEEEEATDSEEEEDLEQM QEGQEDDEEEDEEEEAAGKDGDKSPMSSLQISNEKNL
 EPGKQISRSSGEQQNKGRIVSPSLLSEEPLAPSSIDAESNGEQPEELTEEESPVSQ
 LFELEIEALPLDTPSSVETDISSSRKQSEEPFTTVLENGAGMVSSTSFNGGVSPHNW
 GDSGPPCKKSRKEKKQTGSGPLGNSYVERQRSVHEKNGKKICTLPSPSPLASLAP
 VADSSTRVDSPSHGLVTSSLCIPSPARLSQTPHSQPPRPGTCKTSVATQCDPEEIIVL
 SDSD

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

DAXX death-domain associated protein [Homo sapiens]

Official Symbol

DAXX

Synonyms

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

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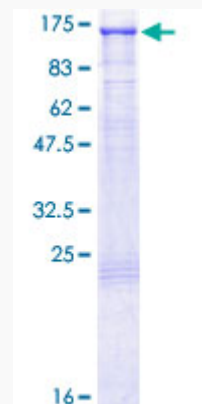
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associated protein 6; DAP6; Fas-binding protein; CENP-C binding protein; ETS1-associated protein 1; death-associated protein 6; fas death domain-associated protein; EAP1; BING2; MGC126245; MGC126246;

Gene ID	1616
mRNA Refseq	NM_001141969
Protein Refseq	NP_001135441
MIM	603186
UniProt ID	Q9UER7

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.