

Recombinant Full Length Human DAXX Protein, GST-tagged

Cat. No. DAXX-2536HF **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	In Vitro Cell Free System
ProteinLength	740 amino acids
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KCYKLENEKLFEFLELCKMQTADHPEVVPFLYNRQQRAHSLFLASAEFCNILSRVL
 SRARSRAKLYVYINELCTVLKAHSAKKLNLAPAATTSNEPSGNNPPTHLSLDPTN
 AENTASQSPRTRGSRQIQRLLEQLLALYVAEIRRLQEKELDLSELDDPDSAYLQEAR
 LKRKLIRLFGRLCELKDCSSLTGRVIEQRIPIYRGTRYPEVNRRIERLINKPGPDTPDY
 GDVLRAVEKAAARHSLGLPRQQLQLMAQDAFRDVGIRLQERRHLDLIYNFGCHLTD
 DYRPGVDPALSDPVLARRLRENRLAMSRLDEVISKYAMLQDKSEEGERKKRRARL
 QGTSSHSADTPEASLDSEGGPSGSMASQGCPSASRAETDDEDDEESDEEEEEEEEE
 EEEEATDSEEEEDLEQMQEGQEDDEEEDEEEEAAGKDGDKSPMSSLQISNEKNL
 EPGKQISRSSGEQQNKGRIVSPSLLSEEPLAPSSIDAESNGEQPEELTLEESPVSQ
 LFELEIEALPLDTPSSVETDISSSRKQSEEPFTTVLENGAGMVSTSFNGGVSPHNW
 GDSGPPCKKSRKEKKQTGSGPLGNSYVERQRSVHEKNGKKICTLPSPSPPLASLAP
 VADSSTRVDSPSHGLVTSSLCIPSPARLSQTPHSQPPRPGTCKTSVATQCDPEEIVL
 SDS

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

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

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