

## Product datasheet for TP326603

### DAXX (NM\_001141969) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human death-domain associated protein (DAXX), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC226603 protein sequence Red=Cloning site Green=Tags(s)

MATANSIIVLDDDDDEDEAAAQPGPSHPLPNAASPGAEAPSSSEPHGARGSSSSGGKKCYKLENEKLFEEF  
LELCKMQTADHPEVVPFLYNRQQRAHSLFLASAEFCNILSRVLSRARSRAKLYVYINELCTVLKAHSAK  
KKLNLAPAATTSNEPSGNNPPTHLSLDPTNAENTASQSPRTRGSRRQIQRLAQLLALYVAEIRRLQEKEL  
DLSELDDPDSAYLQEARLKRKLIRLFGRLCELKDCSSLTGRVIEQRIPIYRGTRYPEVNRRIERLINKPGP  
DTFPDYGDVLRAVEKAAARHSLGLPRQQLQMAQDAFRDVGIRLQERRHLDLIYNFGCHLTDDYRPGVDP  
ALSDPVLARRLRENRLAMSRLDEVISKYAMLQDKSEEGERRRRARLQGTSSHSADTPEASLDSGEGPS  
GMASQGCPASRAETDDEDEEESDEEEEEEEEEEEATDSEEEEDLEQMGEQEDDEEEDEEEEAAGK  
DGDKSPMSSLQISNEKNLEPGKQISRSSGEQQNKGRIVSPSLLSEEPLAPSSIDAESNGEQPEELTLEEE  
SPVSQLFELEIEALPLDTPSSVETDISSSRKQSEEPFTTVLENGAGMVSSTSFNGGVSPHNWGDSPGPPCK  
KSRKEKKQTGSGPLGNSYVERQRSVHEKNGKKICTLPSPPSPLASLAPVADSSTRVDSPSHGLVTSSLCI  
PSPARLSQTPHSQPPRPGTCKTSVATQCDPEEIVLSDSD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

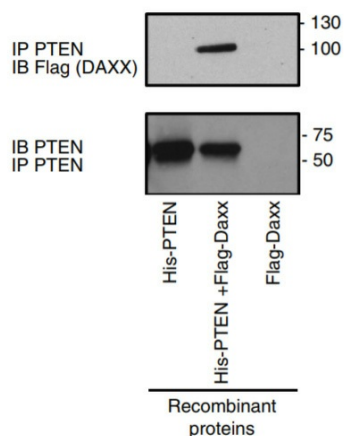
Tag:	C-Myc/DDK
Predicted MW:	81.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Bioactivity:	Pull-down assay (PMID: <a href="#">28497778</a> )
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



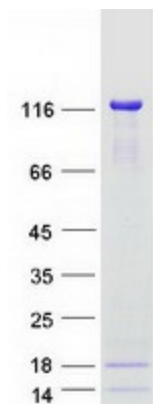
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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u>NP_001135441</u>
<b>Locus ID:</b>	1616
<b>UniProt ID:</b>	<u>Q9UER7, A0A024RCS3, Q53F85</u>
<b>RefSeq Size:</b>	2632
<b>Cytogenetics:</b>	6p21.32
<b>RefSeq ORF:</b>	2220
<b>Synonyms:</b>	BING2; DAP6; EAP1; SMIM40
<b>Summary:</b>	<p>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]</p>
<b>Protein Families:</b>	Druggable Genome, Stem cell - Pluripotency, Transcription Factors
<b>Protein Pathways:</b>	Amyotrophic lateral sclerosis (ALS), MAPK signaling pathway

Product images:



DAXX interacts with PTEN. The in vitro pulldown assay mixed Flag-DAXX (OriGene TP326603) and His-PTEN recombinant proteins immunoprecipitated (IP) with anti-PTEN and the resultant samples were analyzed in Western blot with anti-Flag and anti-PTEN antibodies. Figure cited from Nat Commun, PMID: 28497778



Coomassie blue staining of purified DAXX protein (Cat# TP326603). The protein was produced from HEK293T cells transfected with DAXX cDNA clone (Cat# [RC226603]) using MegaTran 2.0 (Cat# [TT210002]).