

Product datasheet for PH327435

DAXX (NM_001141970) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DAXX MS Standard C13 and N15-labeled recombinant protein (NP_001135442)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC227435
Predicted MW:	82.7 kDa
Protein Sequence:	>RC227435 representing NM_001141970 Red=Cloning site Green=Tags(s)

MRGSENCGEGRLEERRFLSIIIVLDDDDDEDEAAAQPGPSHPLPNAASPGAEAPSSSEPHGARGSSSSGGKKC
YKLENEKLFEEFLELCKMQTADHPEVVPFLYNRQQRASLFLASAEFCNILSRVLSRARSRAKLYYYIN
ELCTVLKAHSAKKLNLAPAATTSNEPSGNPPTHLSLDPTNAENTASQSPRTRGSRRQIQRLQLLALY
VAEIRRLQEKELDLSELDDPDSAYLQEARLKRKLIRLFGRLCELKDCSSLTGRVIEQRIPIYRGRTRYPEVN
RRIERL INKPGPDTFPDYGDVLRAVEKAAARHSLGLPRQQLQLMAQDAFRDVGIRLQERRHLDLIYNFGC
HLTDDYRPGVDPALSDPVLARRLRENRLAMSRLDEVISKYAMLQDKSEGERKRRARLQGTSSHSADT
PEASLDSGEGPSGMASQGCPSASRAETDDEDDEESDEEEEEEEEEEEEEATDSEEEEDLEQMGEQEDDE
EEEEEEEEAAAGKDGDKSPMSSLQISNEKNLEPGKQISRSSGEQQNGRIVSPSLLSEEPLAPSSIDAESN
GEQPEELTLEEEFVSQLFELEIEALPLDTPSSVETDISSSRKQSEEPFTTVLENGAGMVSTSFNGGVS
PHNWGDSGPPCKKSRKEKQTGSGPLGNSYVERQRSVHEKNGKICTLPSPPSPLASLAPVADSSTRVDS
PSHGLVTSSLCIPSPARLSQTPHSQPPRPGTCKT SVATQCDEEIIIVLSDSD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001135442



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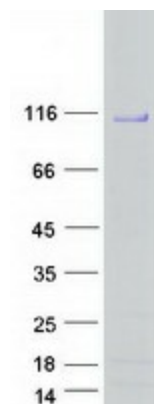
RefSeq ORF: 2256
Synonyms: BING2; DAP6; EAP1; SMIM40
Locus ID: 1616
UniProt ID: [B4E1C1](#)
Cytogenetics: 6p21.32

Summary: 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]

Protein Families: Druggable Genome, Stem cell - Pluripotency, Transcription Factors

Protein Pathways: Amyotrophic lateral sclerosis (ALS), MAPK signaling pathway

Product images:



Coomassie blue staining of purified DAXX protein (Cat# [TP327435]). The protein was produced from HEK293T cells transfected with DAXX cDNA clone (Cat# [RC227435]) using MegaTran 2.0 (Cat# [TT210002]).