

Product datasheet for PH319497

DAXX (NM_001350) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | DAXX MS Standard C13 and N15-labeled recombinant protein (NP_001341) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC219497 |
| Predicted MW: | 81.2 kDa |
| Protein Sequence: | >RC219497 representing NM_001350 Red=Cloning site Green=Tags(s) |

MATANSIIVLDDDEDEAAAQPGPSHPLPNAASPGAEAPSSSEPHGARGSSSSGGKKCYKLENEKLFEEF
LELCMQTADHPEVVPFLYNRQQRAHSLFLASAEFCNILSRVLSRARSRAKLYVYINELCTVLKAHSAK
KKLNLAPAATTSNEPSGNNPPTHLSDPTNAENTASQSPRTRGSRRIQRLEQLLALYVAEIRRLQEKEL
DLSELDDPDSAYLQEARLKRKLI RLFGR LCELKDCSSL TGRVIEQRIPYRGTRYPEVNRRIERL INKPGP
DTFPDYGDVLR AVEKAAARHSLGLPRQQLQLMAQDAFRDVGIRLQERRHLDLIYNFGCHL TDDYRPGVDP
ALSDPVLARRLRENRLAMSRLDEVI SKYAMLQDKSEEGEKRRARLQGTSSHSADTPEASLDSGEGPS
GMASQGCPSASRAETDDEDEESDEEEEEEEEEEEEA TDSEEEEDLEQM QEGQEDDEEEDEEEAAAGK
DGDKSPMSSLQISNEKNLEPGKQISRSSGEQQNKGRIVSPSLLSEEPLAPSSIDAESNGEQPEEL TLEEE
SPVSQLFELEIEALPLDTPSSVETDISSSRKQSEEPFTTVLENGAGMVSSSTFNGGVSPHNWGDGSPPCK
KSRKEKKQTGSGPLGNSYVERQRSVHEKNGKICTLPSPSPPLASLAPVADSSSTRVDSPSHGLVTSLSLCI
PSPARLSQTPHSQPPRPGTCKT SVATQC DPEEII VLS DSD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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|------------------|--|
| 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_001341 |



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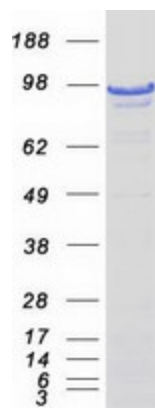
| | |
|---------------|---|
| RefSeq Size: | 2477 |
| RefSeq ORF: | 2220 |
| Synonyms: | BING2; DAP6; EAP1; SMIM40 |
| Locus ID: | 1616 |
| UniProt ID: | Q9UER7 , A0A024RCS3 |
| Cytogenetics: | 6p21.32 |

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# [TP319497]). The protein was produced from HEK293T cells transfected with DAXX cDNA clone (Cat# [RC219497]) using MegaTran 2.0 (Cat# [TT210002]).