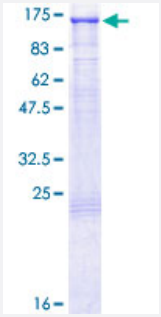
Full-Length

DAXX (Human) Recombinant Protein (P01)

Catalog # H00001616-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DAXX full-length ORF (NP_001341.1, 1 a.a. - 740 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MATANSIIVLDDDDEDEAAAQPGPSHPLPNAASPGAEAPSSSEPHGARGSSSSGGKKCYKLEN EKLFEEFLELCKMQTADHPEVVPFLYNRQQRAHSLFLASAEFCNILSRVLSRARSRPAKLYVYINE LCTVLKAHSAKKKLNLAPAATTSNEPSGNNPPTHLSLDPTNAENTASQSPRTRGSRRQIQRLEQL LALYVAEIRRLQEKELDLSELDDPDSAYLQEARLKRKLIRLFGRLCELKDCSSLTGRVIEQRIPYRGT RYPEVNRRIERLINKPGPDTFPDYGDVLRAVEKAAARHSLGLPRQQLQLMAQDAFRDVGIRLQER RHLDLIYNFGCHLTDDYRPGVDPALSDPVLARRLRENRSLAMSRLDEVISKYAMLQDKSEEGERK KRRARLQGTSSHSADTPEASLDSGEGPSGMASQGGCPSASRAETDDEDDEESDEEEEEEEEEEE EEEATDSEEEEDLEQMQEGQEDDEEEDEEEEAAAGKDGDKSPMSSLQISNEKNLEPGKQISRS SGEQQNKGRIVSPSLLSEEPLAPSSIDAESNGEQPEELTLEEESPVSQLFELEIEALPLDTPSSVE TDISSSRKQSEEPFTTVLENGAGMVSSTSFNGGVSPHNWGDSGPPCKKSRKEKKQTGSGPLGN SYVERQRSVHEKNGKKICTLPSPPSPLASLAPVADSSTRVDSPSHGLVTSSLCIPSPARLSQTPH SQPPRPGTCKTSVATQCDPEEIIVLSDSD
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	107.8
Interspecies Antigen Sequence	Mouse (82); Rat (73)
Preparation Method	*in vitro* wheat germ expression system

Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — DAXX

Entrez GeneID	1616
GeneBank Accession#	NM_001350.3
Protein Accession#	NP_001341.1
Gene Name	DAXX
Gene Alias	BING2, DAP6, EAP1, MGC126245, MGC126246
Gene Description	death-domain associated protein
Omim ID	603186
Gene Ontology	Hyperlink

Gene 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
Other Designations	CENP-C binding protein|ETS1-associated protein 1|Fas-binding protein|OTTHUMP00000029289|OTTHUMP00000029290|death-associated protein 6

Pathway

- Amyotrophic lateral sclerosis (ALS)
- MAPK signaling pathway

Disease

- Diabetes Mellitus
- Disease Susceptibility
- Genetic Predisposition to Disease
- Lupus Erythematosus