

Product datasheet for PH305856

OriGene Technologies, Inc.

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DBPA (YBX3) (NM_003651) Human Mass Spec Standard

Product data:

Product Type: Mass Spec Standards

Description: CSDA MS Standard C13 and N15-labeled recombinant protein (NP_003642)

Species: Human
Expression Host: HEK293

Expression cDNA Clone

or AA Sequence:

RC205856

Predicted MW: 40.1 kDa

Protein Sequence: >RC205856 protein sequence

Red=Cloning site Green=Tags(s)

MSEAGEATTTTTTTLPQAPTEAAAAAPQDPAPKSPVGSGAPQAAAPAAAHVAGNPGGDAAPAATGTAAA ASLAAAAGSEDAEKKVLATKVLGTVKWFNVRNGYGFINRNDTKEDVFVHQTAIKKNNPRKYLRSVGDGET VEFDVVEGEKGAEAANVTGPDGVPVEGSRYAADRRRYRRGYYGRRRGPPRNYAGEEEEEGSGSSEGFDPP ATDRQFSGARNQLRRPQYRPQYRQRRFPPYHVGQTFDRRSRVLPHPNRIQAGEIGEMKDGVPEGAQLQGP VHRNPTYRPRYRSRGPPRPPAPAVGEAEDKENQQATSGPNQPSVRRGYRRPYNYRRRPRPPNAPSQDGK

EAKAGEAPTENPAPPTQQSSAE

TRTRPLEQKLISEEDLAANDILDYKDDDDK**V**

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 003642

RefSeq Size: 1976 RefSeq ORF: 1116

Synonyms: CSDA; CSDA1; DBPA; ZONAB

Locus ID: 8531





DBPA (YBX3) (NM_003651) Human Mass Spec Standard - PH305856

UniProt ID: <u>P16989</u>, <u>A0A024RAQ1</u>

Cytogenetics: 12p13.2

Summary: Binds to the GM-CSF promoter. Seems to act as a repressor. Binds also to full-length mRNA

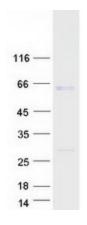
and to short RNA sequences containing the consensus site 5'-UCCAUCA-3'. May have a role in

translation repression (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Transcription Factors

Protein Pathways: Tight junction

Product images:



Coomassie blue staining of purified YBX3 protein (Cat# [TP305856]). The protein was produced from HEK293T cells transfected with YBX3 cDNA clone (Cat# [RC205856]) using MegaTran 2.0 (Cat# [TT210002]).