

Recombinant Full Length Human YBX3 Protein, Flag-tagged, Biotinylated

Cat. No. YBX3-155HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This YBX3 protein is a recombinant full-length human protein expressed in HEK293 cells with MYC/DDK tag at the N-terminus and biotinylated.
Species	Human
Source	HEK293
ProteinLength	1-372 aa (full length)
Conjugation/Label	Biotin
Description	Y-box-binding protein 3 (YBX3), also known as Cold shock domain-containing protein A (CSDA) or DNA-binding protein A (DBPA), is an RNA-binding protein that participates in 3'-UTR-mediated mRNA stabilization, positive regulation of cytoplasmic translation, and negative regulation of apoptotic process. It is implicated in various cancers including clear cell renal cell carcinoma, colon cancer, and bladder cancer.
Form	Liquid
Molecular Mass	44 kDa (calculated)
AASequence	MSEAGEATTTTTTTLQPAPTEAAAAAPQDPAPKSPVGSGAPQAAAPAPAAHVAGNP GGDAAPAATGTAAAASLAAAAGSEDAEKKVLATKVLGTVKWFNVRNGYGFINRNDT KEDVFBHQTAIKKNNPRKYLRVSGDGETVEFDVVEGEKGAEAAANVTGPDGVPVEGS

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RYAADRRRYRRGYYGRRRGPPRNYAGEEEEEEGSGSSEGFDPPTDRQFSGARNQ
 LRRPQYRPQYRQRRFPYHVGQTFDRRSRVLPHPNRIQAGEIGEMKDGVPGEAQL
 QGPVHRNPTYRPRYRSRGPPRPRPAPAVGEAEDKENQQATSGPNQPSVRRGYRR
 PYNYYRRRPRPPNAPSQDGKEAKAGEAPTENPAPTQQSSAETRTRPLEQKLISEED
 LAANDILDYKDDDDKV

Purity	>60% by SDS-PAGE
Storage	Store at -20 to -80C. Aliquot for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.45 mg/ml (BCA assay)
Storage Buffer	Sterile PBS, pH 7.4, 10% glycerol
Labeling Efficiency	2.17 by HABA

GENE INFORMATION

Gene Name	YBX3
Official Symbol	YBX3
Synonyms	CSDA; DBPA; CSDA1; ZONAB; Y-box-binding protein 3; Cold shock domain-containing protein A; DNA-binding protein A
Gene ID	8531
mRNA Refseq	NM_003651.5
Protein Refseq	NP_003642.3

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MIM 603437

UniProt ID P16989

**SDS-PAGE analysis
of YBX3-155HB**



1 ug/lane, reducing conditions, 4%-20% SDS-PAGE, Coomassie Blue staining

**Western Blot
analysis of YBX3-
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Western Blot using Anti-Flag Mouse Monoclonal antibody

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