

Recombinant Human YBX1, His-tagged

Cat. No. YBX1-30136TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 4-364 of Human YB1 with N terminal His tag; 361 amino acids, 64kDa AAA35750.1.
Species	Human
Source	E.coli
ProteinLength	4-364 a.a.
Description	Y box binding protein 1, officially known as YBX1, but commonly referred to as "YB-1" by researchers, is a human protein. Current research is examining its involvement in cancer, and particularly in the metastasis of cancerous cells or prevention thereof.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 50µl distilled water.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Store at 4°C. Upon reconstitution store at -80oC.
Sequences of amino acids	GPQRALSSPTAAAGLVITITPREEPQLPQPAPVTITATMSS EAETQQPPAAPPAAPAL SAADTKPGTTGSGAGSGGPGG LTSAAPAGGDKKVIATKVLGTVKWFNVRNGYGFI NRND TKEDVVFVHQTAIKKNNPRKYLRVSGDGETVEFDVVEGEKGAEAAANVTGPGG

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VPVQGSKYAADRNHYRRYPRRRGPPRN YQQNYQNSESGEKNEGSESAPEGQQAQ
 QRRPYRRRRFPP YYMRRPYGRRPQYSNPPVQGEVMEGADNQGAGEQGRPVRQ
 NMYRGYRPRFRRGPPRQRQPREDEGNEEDKENQGDDETQG QPPQRRYRRNFNY
 RRRRPENPKPQDGKETKAADPPAE NSSAPEAEQGGAE

Sequence

Contains 1 CSD (cold-shock) domain.

Similarities

GENE INFORMATION

Gene Name

YBX1 Y box binding protein 1 [Homo sapiens]

Official Symbol

YBX1

Synonyms

YBX1; Y box binding protein 1; NSEP1, nuclease sensitive element binding protein 1;
 nuclease-sensitive element-binding protein 1; BP 8; CSDA2; CSDB; DBPB; MDR
 NF1; NSEP 1; YB 1; YB1;

Gene ID

4904

mRNA Refseq

NM_004559

Protein Refseq

NP_004550

MIM

154030

Uniprot ID

P67809

**Chromosome
Location**

1p34

Pathway

Formation and Maturation of mRNA Transcript, organism-specific biosystem; Gene

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Expression, organism-specific biosystem; IL-2 Signaling Pathway, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; SIDS Susceptibility Pathways, organism-specific biosystem;

Function

DNA binding; DNA binding; RNA binding; RNA binding; double-stranded DNA binding;

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