

Recombinant Human YBX1, GST-tagged

Cat. No. YBX1-4839H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human YBX1 full-length ORF (1 a.a. - 324 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
ProteinLength	1-324 aa
Description	Y box binding protein 1 also known as Y-box transcription factor or nuclease-sensitive element-binding protein 1 is a protein that in humans is encoded by the YBX1 gene.
Molecular Mass	62.3 kDa
AA Sequence	MSSEAETQQPPAAPPAAPALSAADTKPGTTGSGAGSGGPGGLTSAAPAGGDKKVI ATKVLGTVKWFNVRNGYGFI NRNDTKEDVFVHQTA IKKNNPRKYLRSVGDGETVE FDVVEGEKGAEAAANVTGPGGVPVQGSKYAADRNHYRRYP RRRGPPRNYQQNYQ NSESGEKNEGSESAPEG QAQQRRPYRRRRFPPYYMRRPYGRRPQYSNPPVQGE VMEGADN QGAGEQGRPVRQNMYRGYRPRFRRGPPRQRQPREDGNEEDKENQG DE TQGQQPPQRRYRRNFNYRRRRPENPKP QDGKETKAADPPAENSSAPEAEQG GAE
Applications	ELISA; WB-Re; AP; Array
Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

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Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name YBX1 Y box binding protein 1 [Homo sapiens (human)]

Official Symbol YBX1

Synonyms YBX1; YB1; BP-8; CSDB; DBPB; YB-1; CSDA2; NSEP1; NSEP-1; MDR-NF1; Y box binding protein 1; nuclease-sensitive element-binding protein 1; CBF-A; EFI-A; DNA-binding protein B; Y-box-binding protein 1; Y-box transcription factor; enhancer factor I subunit A; nuclease sensitive element binding protein 1; CCAAT-binding transcription factor I subunit A; major histocompatibility complex, class II, Y box-binding protein I

Gene ID 4904

mRNA Refseq NM_004559

Protein Refseq NP_004550

MIM 154030

UniProt ID P67809

Chromosome Location 1p34

Pathway BDNF signaling pathway; Processing of Capped Intron-Containing Pre-mRNA; SIDS Susceptibility Pathways

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Function

double-stranded DNA binding; protein binding; sequence-specific DNA binding
transcription factor activity

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