

Recombinant Human YBX1, GST-tagged

Cat. No. YBX1-4838H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human YBX1(51 a.a. - 139 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	Wheat Germ
ProteinLength	51-139 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	35.53 kDa
AA Sequence	DKKVIATKVLGTVKWFNVRNGYGFINRNDTKEDVFVHQTAIKKNNPRKYLRSVG DGE TVEFDVVEGEKGAEAA NV TGPGGVPVQGSKYA
Applications	ELISA; WB-Re; AP; Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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; 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; BP-8; YB-1; NSEP1; NSEP-1; MDR-NF1; MGC104858; MGC110976; MGC117250
Gene ID	4904
mRNA Refseq	NM_004559
Protein Refseq	NP_004550
MIM	154030
UniProt ID	P67809
Chromosome Location	1p34
Pathway	Gene Expression; Processing of Capped Intron-Containing Pre-mRNA; SIDS Susceptibility Pathways
Function	DNA binding; RNA binding; double-stranded DNA binding; protein binding; sequence-

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specific DNA binding transcription factor activity; single-stranded DNA binding

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