

# Recombinant Full Length Human YBX1 Protein, GST-tagged

**Cat. No.** YBX1-553HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human YBX1 full-length ORF (1 a.a. - 324 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 324 amino acids                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | 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.                                                                                                                                                                                                              |
| <b>Molecular Mass</b>   | 62.3 kDa                                                                                                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | MSSEAETQQP PAAPPAAPAL SAADTKPGTT GSGAGSGGPG GLTSAAPAGG<br>DKKVIATKVL GTVKWFNVRN GYGFINRNDT KEDVFNHQTAKKNNPRKYL<br>RSVG DGETVE FVVEGEKGA EAANVTGPGG VPVQGSKYAA DRNHYYRRYPR<br>RRGPPRNYQQ NYQNSSESGEK NEGSESAPEG QAQRRPYRR RRFPPYYMRR<br>PYGRRPQYSN PPVQGEVMEG ADNQGAGEQG RPVRQNMYRG YRPRFRRGPP<br>RQRQPRE DGN EEDKENQGDE TQGQQPPQRR YRRNFNYRRR RPENPKPQDG<br>KETKAADPPA ENSSAPEAEQ GGAE |
| <b>Applications</b>     | ELISA; WB-Re; AP; Array                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage</b>          | Store at -80 centigrade. 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

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