Recombinant Human YBX3 Protein, GST-tagged

Cat. No. YBX3-1956H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CSDA full-length ORF (BAG37363.1, 1 a.a. - 372 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
ProteinLength	1-372 aa
Description	YBX3 (Y-Box Binding Protein 3) is a Protein Coding gene. Diseases associated with YBX3 include Lyme Disease and Uterine Inflammatory Disease. Among its related pathways are Cytoskeleton remodeling Regulation of actin cytoskeleton by Rho GTPases and Sertoli-Sertoli Cell Junction Dynamics. GO annotations related to this gene include nucleic acid binding and transcription factor activity, sequence-specific DNA binding. An important paralog of this gene is YBX1.
Molecular Mass	67.32 kDa
AA Sequence	MSEAGEATTTTTTTLPQAPTEAAAAAPQDPAPKSPVGSGAPQAAAPAPAAHVAGNP GGDAAPAATGTAAAASLATAAGSEDAEKKVLATKVLGTVKWFNVRNGYGFINRNDT KEDVFVHQTAIKKNNPRKYLRSVGDGETVEFDVVEGEKGAEAANVTGPDGVPVEGS RYAADRRRYRRGYYGRRRGPPRNYAGEEEEEGSGSSEGFDPPATDRQFSGARNQ LRRPQYRPQYRQRRFPPYHVGQTFDRRSRVLPHPNRIQAGEIGEMKDGVPEGAQL QGPVHRNPTYRPRYRSRGPPRPRPAPAVGEAEDKENQQATSGPNQPSVRRGYRR PYNYRRRPRPPNAPSQDGKEAKAGEAPTENPAPPTQQSSAE

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	YBX3 Y-box binding protein 3 [Homo sapiens (human)]
Official Symbol	YBX3
Synonyms	YBX3; Y-box binding protein 3; CSDA; cold shock domain protein A; DNA-binding protein A; cold shock domain containing A1; CSDA1; dbpA; ZONAB; cold-shock domain protein A; cold-shock domain containing A1; cold shock domain-containing protein A; single-strand DNA-binding protein NF-GMB; ZO-1-associated nucleic acid-binding protein; DBPA;
Gene ID	8531
mRNA Refseq	NM_001145426
Protein Refseq	NP_001138898
MIM	603437

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UniProt ID	P16989

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