

## Recombinant Human Y Box Binding Protein 1

<b>Item Number</b>	rAP-4233
<b>Synonyms</b>	Y Box Binding Protein, NSEP1, DBPB, YB1, CCAAT-Binding Transcription Factor I Subunit A, Nuclease Sensitive Element Binding Protein, Enhancer Factor I Subunit A, Y-Box Transcription Factor, Y-Box-Binding Protein, DNA-Binding P, BP-8, CSDA2, CSDB, DBPB, MDR
<b>Description</b>	YBX1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 347 amino acids (1-324a.a) and having a molecular mass of 38.3kDa (molecular size on SDS-PAGE will appear higher). YBX1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chro-
<b>Uniprot Accession Number</b>	P67809
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MGSMSSAEET QPPAAPPAA PALSAADTKP GTTGSGAGSG GPG-GLTSAAP AGGDKKVIAT KVLGTVKWFN VRNGYGFNR NDTKEDVFNH QTAIKKNNPR KYLRSVGDGE TVEFDVVEGE KGAEANVTG PGGVPVQGSK YAADRNYR YPRRRGPPRN YQQNYQNSSES GEKNEGSESA PEGQAQRRP YRRRRFPYY MRRPYGRRPQ YSNPPVQGEV MEGADNQGAG EQGRPVRQNM YRGYRPRFR GPPRQRQPRE DGNEEDKENQ GDETQQQPP QRRYRRNFNY RRRRPENPKP QDGKETKAD PPAENSSAPE AEQGGAE.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	YBX1 protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH7.4) and 20% glycerol. Greater than 85.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**