

32-5260: Recombinant Human Y Box Binding Protein 1

Alternative Name : 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

Description

Source : Escherichia Coli. 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. YBX1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Y Box Binding Protein 1 (YBX1) is a part of the CRD-mediated complex which promotes MYC mRNA stability. YBX1 takes part in mammalian selenoprotein translation and mediates pre-mRNA alternative splicing regulation. YBX1 uses as a drug target in cancer therapy due to its ability to replicate adenovirus type 5, a commonly used vector in gene therapy.

Product Info

Amount : 20 µg
Purification : Greater than 85.0% as determined by SDS-PAGE.
Content : YBX1 protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH7.4) and 20% glycerol.
Storage condition : 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.
Amino Acid : MGSSHHHHHH SGLVPRGSH MGSMSSSEAE QPPAAPPAA PALSAADTKP GTTGSGAGSG
GPGGLTSAAP AGGDKKVIAT KVLGTVKWFN VRNGYGFNR NDTKEDVFVH QTAIKKNNPR KYLRSVGDGE
TVEFDVVEGE KGAEAAANVTG PGGVPVQGSK YAADRNHYRR YPRRRGPPRN YQQNYQNSSE
GEKNEGSESA PEGQAQRRP YRRRRFPPYY MRRPYGRRPQ YSNPPVQGEV MEGADNQGAG
EQGRPVRQNM YRGYRPRFRR GPPRQRQPRE DGNEEDKENQ GDETQGQPP QRRYRRNFNY
RRRRPENPKP QDGKETKAAD PPAENSSAPE AEQGGAE.