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YBX1 Human

Recombinant Human Y Box Binding Protein 1
RCP2602

Product Overview

Name	YBX1 Human

Description

Recombinant Human Y Box Binding Protein 1

Accession (Primary)	P67809

Synonyms

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-NF1, NSEP-1, NSEP1, YB-1, YB1, EFI-A, YB-1, Major Histocompatibility Complex Class II Y Box-Binding Protein I.

Introduction

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.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

YBX1 protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH7.4) and 20% glycerol.

Stability

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.

Purity

Greater than 85.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MSSEAET QQPPAAPPAA PALSAADTKP GTTGSGAGSG GPGGLTSAAP AGGDKKVIAT KVLGTVKWFN VRNGYGFINR NDTKEDVFVH QTAIKKNNPR KYLRSVGDGE TVEFDVVEGE

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KGAEAANVTG PGGVPVQGSK YAADRNHYRR YPRRRGPPRN YQQNYQNSES GEKNEGSESA PEGQAQQRRP YRRRRFPPYY MRRPYGRRPQ YSNPPVQGEV MEGADNQGAG EQGRPVRQNM YRGYRPRFRR GPPRQRQPRE DGNEEDKENQ GDETQGQQPP QRRYRRNFNY RRRRPENPKP QDGKETKAAD PPAENSSAPE AEQGGAE.

Precautions

YBX1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P67809)