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YBX1, 1-324aa, Human, His tag, E.coli

产品货号: TP04519

第三版

别名: Nuclease-sensitive element-binding protein 1, BP-8, CSDA2, CSDB, DBPB, MDR-NF1, NSEP-1, NSEP1, YB-1, YB1

描述: YBX1, also known as Y box binding protein 1, associates with the selenocysteine insertion sequence and functions in mammalian selenoprotein translation. This protein is a potential drug target in cancer therapy. It helps the replication of adenovirus type 5, a commonly used vector in gene therapy. Thus, YBX1 can cause an "oncolytic" effect in YBX1 positive cancer cells treated with adenoviruses. Recombinant human YBX1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. Phosphate Buffered Saline (pH7.4) containing 20% glycerol

分子量: 38.3 kDa (347aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

序列:

MGSSHHHHHSSGLVPRGSHMGSMSEAEETQQPPAAPPAAPALSAADTKPGTTGSGAGSGGPGGLTSAAPAGGDKK VIA
TKVLGTVKWFNVRNGYGFNRNDTKEDVFVHQTAIKKNNPRKYLRVGDGETVEFDVVEGEKGAEANVTGPGGVPV
QGSKYAADRNHYRRYPRRRGPPRNYQQNYQNSESGEKNEGSESAPEGQAQRRPYRRRRFPPYYMRRPYGRRPQYSNPP
VQGEVMEGADNQGAGEQGRPVRQNMRYGYRPRFRRGPPRQRQPREDGNEEDKENQGDDETQGGQPPQRRYRRNFNY
RRRRPENPKPQDGKETKAADPPAENSSAPEAEQGGAE

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C 或者-70 ° C. 避免反复冻融.