

FUBP1, 279-448aa, Human, His tag, E.coli

Cat.NO.: TP02159

3th Edition

Synonyms:Far upstream element (FUSE) binding protein 1, FBP, FUBP

Description:FUBP1 is a ssDNA binding protein that activates the far upstream element (FUSE) of c-myc and stimulates expression of c-myc in undifferentiated cells. Regulation of FUSE by FUBP occurs through single-strand binding of FUBP to the non-coding strand. This protein has been shown to function as an ATP-dependent DNA helicase. Recombinant human FUBP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.15M NaCl,1mM DTT

Molecular Weight:20.8kDa(195aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMDVPIPRFAVGIVIGRNGEMIKKIQNADAGVRIQFKPDDGTTPERIAQITGPP
DRCQHAAEIITDLLRSVQAGNPGGPGGGRGRGRGQGNWNMPPGGLQEFNFIVPTGKTGLIIGKGGETIKSISQQ
SGARIELQRNPPPNADPNMKLFTIRGTPQQIDYARQLIEEKIG

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.