

32-3848: FUBP1 Recombinant Protein

Alternative Name : Far upstream element (FUSE) binding protein 1, FUSE-binding protein 1, DNA helicase V, FUBP, FBP, hDH V.

Description

Source : E.coli. FUBP1 Human Recombinant produced in E. coli is a single polypeptide chain containing 195 amino acids (279-448) and having a molecular mass of 20.8 kDa. FUBP1 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. FUBP1 is a ssDNA binding protein which stimulates expression of c-myc in undifferentiated cells and activates the far upstream element (FUSE) of c-myc. Regulation of FUSE by FUBP happens by single-strand binding of FUBP to the non-coding strand. FUBP1 performs as an ATP-dependent DNA helicase.

Product Info

Amount : 20 µg
Purification : Greater than 85% as determined by SDS-PAGE.
Content : The FUBP1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.15M NaCl and 10% 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 SSSLVPRGSH MGSMDVPIP RFAVGIVIGR NGEMIKKIQN DAGVRIQFKP DDGTTPERIA QITGPPDRCQ HAAEITDLL RSVQAGNPGG PGPGRGRGR GQGNWNMGPP GGLQEFNFIV PTGKTGLIIG KGGETIKSIS QQSGARIELQ RNPPNADPN MKLFITIRGTP QQIDYARQLI EEKIG

