

## 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 :** MGSSHHHHH SGLVPRGSH MGSMDVPIP RFAVGIVIGR NGEMIKKIQN DAGVRIQFKP  
DDGTTPERIA QITGPPDRCQ HAAEIITDLL RSVQAGNPGG PGPGRGRGR GQGNWNMGPP  
GGLQEFNFIV PTGKTGLIIG KGGETIKSIS QQSGARIELQ RNPPNADPN MKLFTIRGTP  
QQIDYARQLI EEKIG

