

AR50411PU-S

Human FUBP1 (279-448, His-tag) - Purified

Alternate names:	DNA helicase V, FBP, FUSE-binding protein 1, Far upstream element-binding protein 1, HDH V
Quantity:	0.1 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	Q96AE4
NCBI:	NP_003893
GeneID:	8880
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.15M NaCl, 1mM DTT
Description:	Recombinant human FUBP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SGLVPRGSH MGSMDVPIP RFAVGIVIGR NGEMIKKIQN DAGVRIQFKP DDGTTPERIA QITGPPDRCQ HAAEIITDLL RSVQAGNPGG PGPGRGRGR GQGNWNMGPP GGLQEFNFIV PTGKTGLIIG KGGETIKSIS QQSGARIELQ RNPPNADPN MKLFTIRGTP QQIDYARQLI EEKIG Molecular weight: 20.8 kDa (195aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Zheng, Y., et al. (2011) Int. J. Biochem. Cell Biol. 43 (11), 1641-1648 Neubauer, A., et al. (2011) Exp. Hematol. 39 (10), 1030-1042.

Pictures:

