

Recombinant Human FUBP1, His-tagged

Cat. No. FUBP1-13029H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FUBP1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	303-653a.a.
Description	This gene encodes 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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	FUBP1 far upstream element (FUSE) binding protein 1 [Homo sapiens]
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Official Symbol	FUBP1
Synonyms	FUBP1; far upstream element (FUSE) binding protein 1; FUBP; far upstream element-binding protein 1; FBP; hDH V; DNA helicase V; FUSE-binding protein 1; far upstream element binding protein;
Gene ID	8880
mRNA Refseq	NM_003902
Protein Refseq	NP_003893
MIM	603444
UniProt ID	Q96AE4
Chromosome Location	1p31.1
Function	DNA binding; RNA binding; sequence-specific DNA binding transcription factor activity; single-stranded DNA binding;

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