
Product Data Sheet

Product Name: FUBP1 Human
 Cat. No.: GP23517
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Far upstream element (FUSE) binding protein 1; FUSE-binding protein 1; DNA helicase V; FUBP; FBP; hDH V.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMDVPIP RFAVGIVIGR NGEMIKKIQN DAGVRIQFKP DDGTTPERIA QITGPPDRCQ HAAEITDLL RSVQAGNPGG PGPGRGRGR GQGNWNMGPP GGLQEFNFIV PTGKTGLIIG KGGETIKSIS QQSGARIELQ RNPPNADPN MKLFTIRGTP QQIDYARQLI EEKIG		
Formulation	The FUBP1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.15M NaCl and 10% glycerol.		

Introduction

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.

Stability

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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