

Recombinant Forkhead Box P3 (FOXP3) Instruction Manual

SIPB985Hu02

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Nucleus, Cytoplasm
Predicted Molecular Mass	49.7kDa
Accurate Molecular Mass	50kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Arg417 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	9.8
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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MPNPRPGKPS  APSLALGPSP  GASPSWRAAP  KASDLLGARG  PGGTFQGRDL  
RGGAHASSSS  LNPMPSSLQ  LPTLPLVMVA  PSGARLGPLP  HLQALLQDRP  
HFMHQLSTVD  AHARTPVLQV  HPLESPAMIS  LTPPTTATGV  FSLKARGLP  
PGINVASLEW  VSREPALLCT  FPNPSAPRKD  STLSAVPQSS  YPLLANGVCK  
WPGCEKVFE  PEDFLKHCQA  DHLLDEKGRA  QCLLQREMVQ  SLEQQLVLEK  
EKLSAMQAH  AGKMALTKAS  SVASSDKGSC  CIVAAGSQGP  VVPAWSGPRE  
APDSLFAVRR  HLWGSNGNST  FPEFLHNMDY  FKFHNMRRPF  TYATLIRWAI  
LEAPEKQRTL  NEIYHWFTRM  FAFFRNHPAT  WKNAIRHNLS  LHKCFVRVES  
EKGAVWTVDE  LEFRKKR
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image

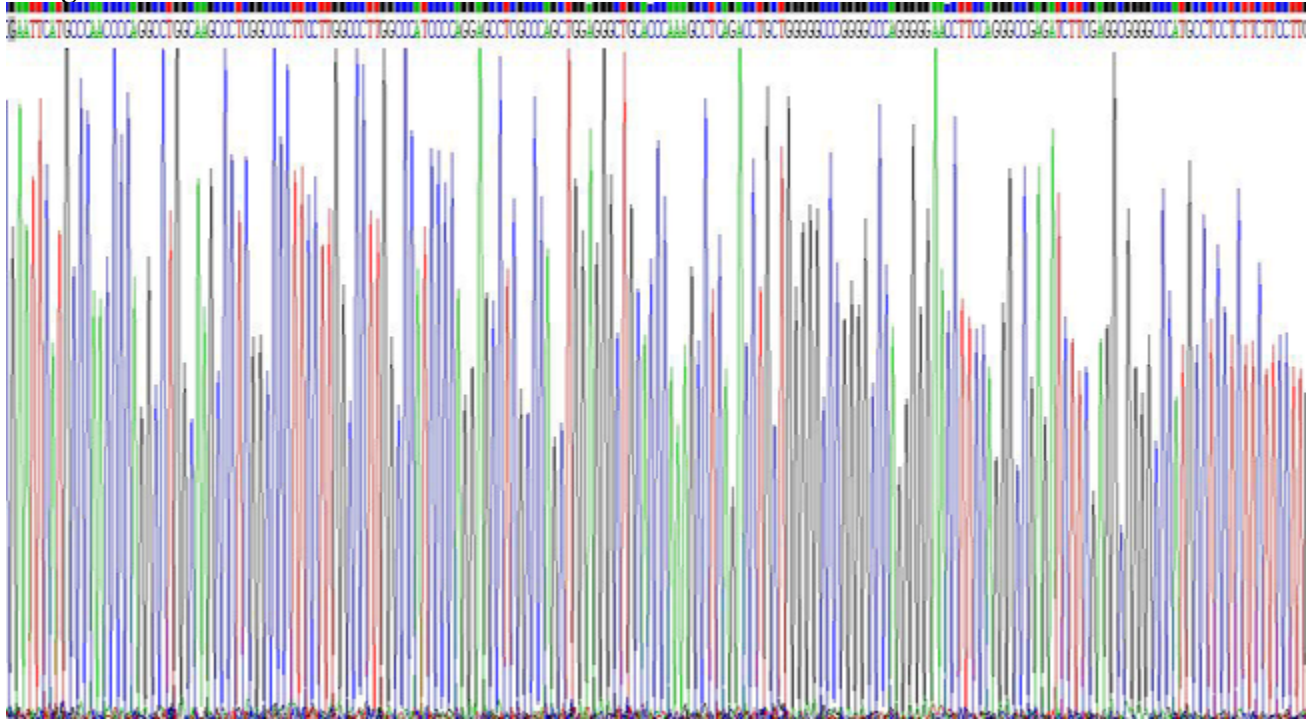


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.