

Recombinant Microphthalmia Associated Transcription Factor (MITF) Instruction Manual

SIPH836Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Nucleus
Predicted Molecular Mass	61.9kDa
Accurate Molecular Mass	62kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Cys520 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	5.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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MQSESGIVPD FEVGEEFHHEE PKTYVELKSQ PLKSSSSAEH PGASKPPISS  
SSMTRSILLR QQLMREQMQE QERREQQKL QAAQFMQQRV PVSQTPAINV  
SVPTTLPSAT QVPMEVKLVQ THLENPTKYH IQQAQRQVK QYLSTTLANK  
HANQVLSLPC PNQPGDHVMP PVPGSSAPNS PMAMLTLSN CEKEGFYKFE  
EQNRAESECP GMNTHSRASC MQMDDVIDDI ISLESSYNEE ILGLMDPALQ  
MANTLPVSGN LIDLYGNQGL PPPGLTISNS CPANLPNIKR ELTESEARAL  
AKERQKKDNH NLIERRRRFN INDRIKELGT LIPKSNPDM RWNKGITLKA  
SVDYIRKLQR EQQRAKELEN RQKKLEHANR HLLLRIQELE MQARAHGLSL  
IPSTGLCSPD LVNRIIKQEP VLENCSDLL QHHADLTCTT TLDLTDGTIT  
FNNNLGTGTE ANQAYSVPTK MGSKLEDILM DDTLSPVGVV DPLLSSVSPG  
ASKTSSRRSS MSMEETEHTC
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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

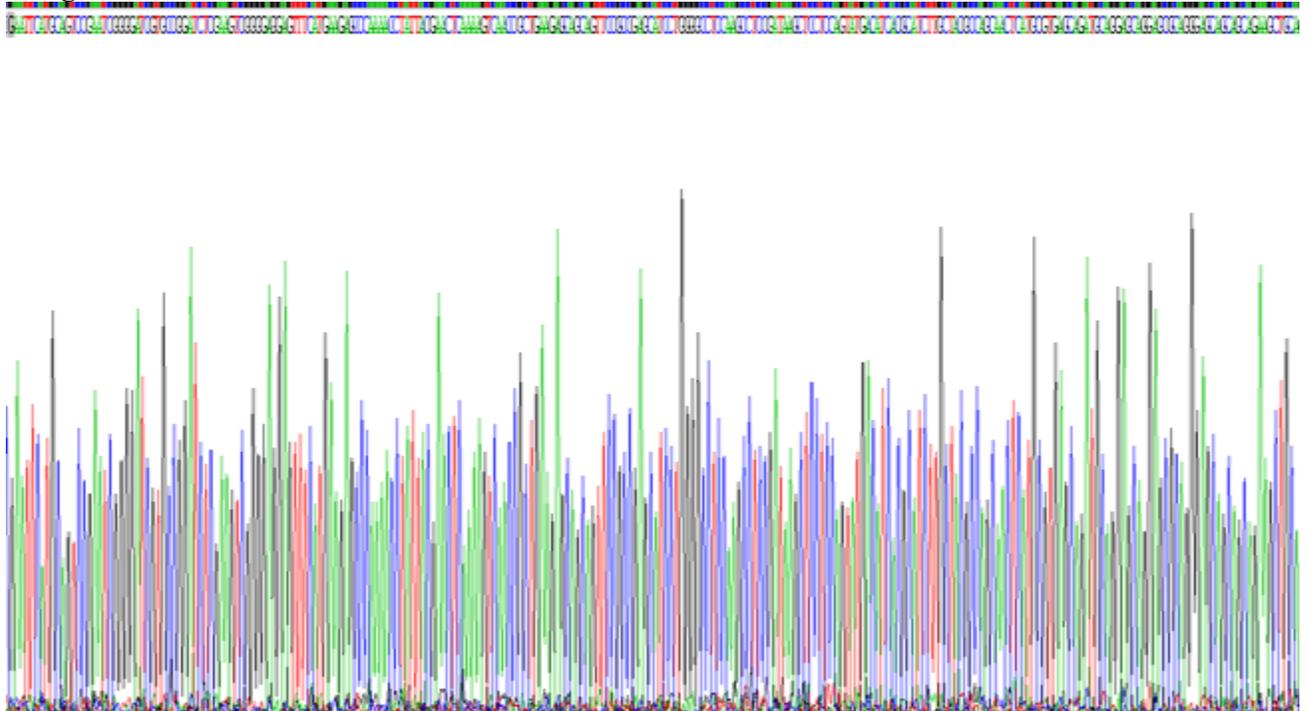


Figure. SDS-PAGE

[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.