SunLong Biotech Co.,LTD
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Recombinant Three Prime Repair Exonuclease 1 (TREX1)

Catalog Number: SIPC184Hu01 **Spec: 50ug**

Product Name	Recombinant Three Prime Repair Exonuclease 1 (TREX1)
Catalog Number	SIPC184Hu01
Organism Species	Human
Source	Prokaryotic expression
Host	E.coli
Residues	Arg6~Glu369
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Cytoplasm, Endoplasmic reticulum lumen
Purity	> 95%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .
Original Concentration	120μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	8.8
Predicted Molecular Mass	42.2kDa
Accurate Molecular Mass	44kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

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

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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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.

[SEQUENCE]

RRQGR IVQGRPEMCF CPPPTPLPPL RILTLGTHTP TPCSSPGSAA
GTYPTMGSQA LPPGPMQTLI FFDMEATGLP FSQPKVTELC LLAVHRCALE
SPPTSQGPPP TVPPPPRVVD KLSLCVAPGK ACSPAASEIT GLSTAVLAAH
GRQCFDDNLA NLLLAFLRRQ PQPWCLVAHN GDRYDFPLLQ AELAMLGLTS
ALDGAFCVDS ITALKALERA SSPSEHGPRK SYSLGSIYTR LYGQSPPDSH
TAEGDVLALL SICQWRPQAL LRWVDAHARP FGTIRPMYGV TASARTKPRP
SAVTTTAHLA TTRNTSPSLG ESRGTKDLPP VKDPGALSRE GLLAPLGLLA
ILTLAVATLY GLSLATPGE

[IDENTIFICATION]

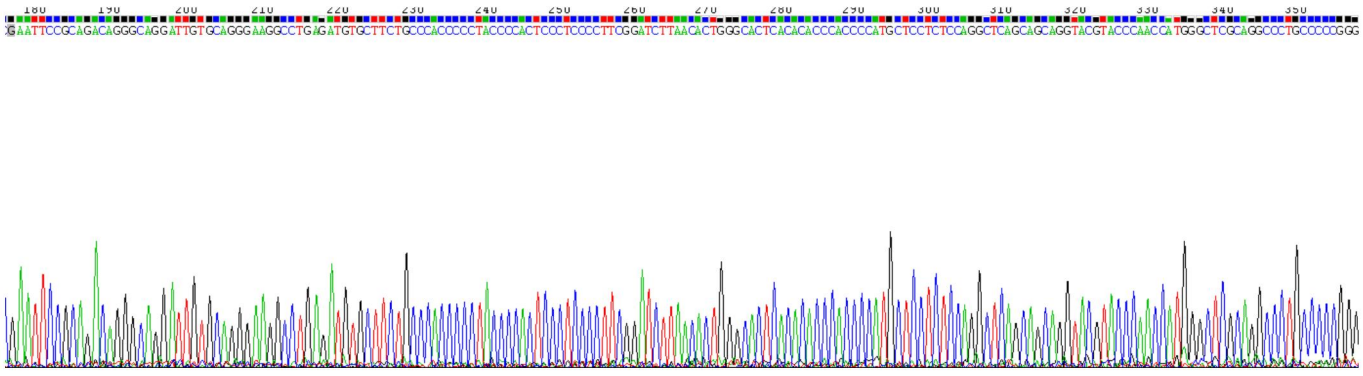


Figure . Gene Sequencing (extract)

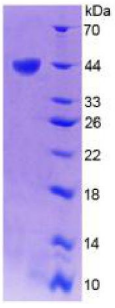


Figure. SDS-PAGE

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[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.