# Recombinant Three Prime Repair Exonuclease 1 (TREX1) Instruction Manual

# SIPC184Hu01

# Homo sapiens (Human)

**Source** Prokaryotic expression

**Host** E.coli

Endotoxin Level <1.0EU per 1μg (determined by the LAL method)
Subcellular Location Nucleus, Cytoplasm, Endoplasmic reticulum lumen

**Predicted Molecular Mass** 42.2kDa

Accurate Molecular Mass 44kDa(Analysis of differences refer to the manual)

**Residues & Tags** Arg6~Glu369 with N-terminal His Tag

Buffer Formulation 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA,

1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**Traits** Freeze-dried powder

Purity > 95% Isoelectric Point 8.8

**Applications** Positive Control; Immunogen; SDS-PAGE; WB.

# **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
```

### USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

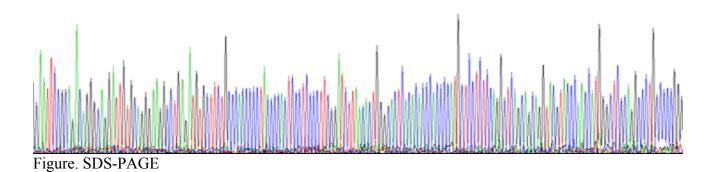
# **STORAGE**

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.





# [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.