

Recombinant Human TREX2 Protein, His-tagged

Cat. No. TREX2-487H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TREX2 Protein (Met1-Ala236) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Ala236
Description	This gene encodes a nuclear protein with 3' to 5' exonuclease activity. The encoded protein participates in double-stranded DNA break repair, and may interact with DNA polymerase delta.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.7 kDa Accurate Molecular Mass: 33 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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less than 5% within the expiration date under appropriate storage condition.

Storage

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

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

TREX2 three prime repair exonuclease 2 [Homo sapiens (human)]

Official Symbol

TREX2

Synonyms

TREX2; three prime repair exonuclease 2; 3-5 exonuclease TREX2 long form

Gene ID

11219

mRNA Refseq

NM_080701

Protein Refseq

NP_542432

MIM

300370

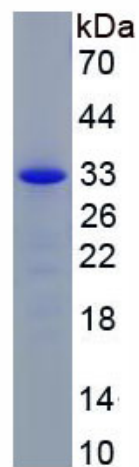
UniProt ID

Q9BQ50

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