

Three Prime Repair Exonuclease 1 Recombinant Protein | TREX1 recombinant protein

Recombinant Three Prime Repair Exonuclease 1 (TREX1)

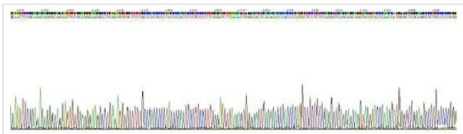
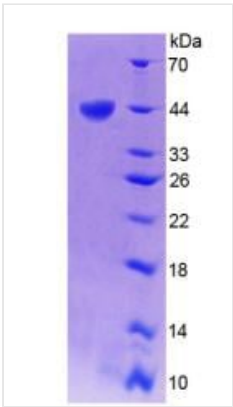
CATALOG # AAA145439	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Three Prime Repair Exonuclease 1; Recombinant Three Prime Repair Exonuclease 1 (TREX1); AGS1; ATRIP; DRN3; Aicardi-Goutieres Syndrome 1; 3'-5' exonuclease TREX1; DNase III; TREX1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .
Concentration	Original Concentration: 120ug/mL (varies by lot)
Applicable Applications for TREX1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Arg6~Glu369
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Cytoplasm, Endoplasmic reticulum lumen
Traits	Freeze-dried powder
Predicted isoelectric point	8.8
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree 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.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

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RRQGR IVQGRPEMCF CPPPTPLPPL RILTLGTHTP TPCSSPGSAA
GYPTMGSA LPPGPMQTLI FFDMEATGLP FSQPKVTELC LLAVHRCAL
SPPTSQGGPP TVPPPPRVVD KLSLCVAPGK ACSPAASEIT GLSTAVLA
GRQCFDDNLA NLLLAFLRRQ PQPWCLVAHN GDRYDFLLQ AELAMLGL
ALDGAFCDVS ITALKALERA SSPSEHGPRK SYSLSGIYTR LYQSPD
TAEGDVLALL SICQWRPQAL LRWDAHARP FGTIRPHYGV TASARTK
SAVTTTAHLA TTRNTSPSLG ESRGTDLP VKDPGALSRE GLLAPLGLLA
ILTLAVATLY GLSLATPGE
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	646717835
UniProt Accession #	Q91XB0; Q3TAD7; Q9D6W2; Q9R1B0
Molecular Weight	Predicted Molecular Mass: 42.2kDa Accurate Molecular Mass: 44kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Three prime repair exonuclease 1
UniProt Protein Name	Three-prime repair exonuclease 1
UniProt Gene Name	Trex1
UniProt Entry Name	TREX1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/trex1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145439>