

Three prime repair exonuclease 1 (TREX1) Recombinant Protein | TREX1 recombinant protein

Recombinant Human Three prime repair exonuclease 1 (TREX1)

CATALOG # AAA116816	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Three prime repair exonuclease 1 (TREX1); Recombinant Human Three prime repair exonuclease 1 (TREX1); TREX1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-369aa; Full Length
Sequence	MGPGARRQGR IVQGRPEMCF CPPPTPLPPL RILTLGTHTP TPCSSPGSAA GTYPTMGSQA LPPGPMQTLI FFDMEATGLP FSQPKVTELC LLAVHRCALC SPPTSQGPVP TVPPPPRVVD KLSLCVAPGK ACSPAASEIT GLSTAVLAHH GRQCFDDNLA NLLAFLRRQ PQPWCLVAHN GDRYDFPLLQ AELAMLGLTS ALDGAFCVDS ITALKALERA SSPSEHGPRK SYSLGSIYTR LYQSPPD SH TAEGDVLALL SICQWRPQAL LRWVDAHARP FGTIRPMYGV TASARTKPRP SAVTTTAHLA TTRNTSPSLG ESRGTDLPK VKDPGALSRE GLLAPLGLLA ILTLAVATLY GLSLATPGE
Species	Human
Sequence Note	The sequence corresponds to Uniprot
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for TREX1 recombinant protein	This gene encodes the major 3'→5' DNA exonuclease in human cells. The protein is a non-processive exonuclease that may serve a proofreading function for a human DNA polymerase. It is also a component of the SET complex, and acts to rapidly degrade 3' ends of nicked DNA during granzyme A-mediated cell death. Mutations in this gene result in Aicardi-Goutieres syndrome, chilblain lupus, and Cree encephalitis. Multiple transcript variants encoding different isoforms have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	404434375
NCBI GeneID	11277
NCBI Accession #	NP_009179.2
NCBI GenBank Nucleotide #	NM_007248.4
UniProt Accession #	Q9NSU2 ; Q8TEU2 ; Q9BPW1 ; Q9Y4X2 ; B2RCN9
Molecular Weight	32,276 Da
NCBI Official Full Name	three-prime repair exonuclease 1 isoform c

NCBI Official Synonym Full Names	three prime repair exonuclease 1
NCBI Official Symbol	TREX1
NCBI Official Synonym Symbols	CRV; AGS1; DRN3; HERNS
NCBI Protein Information	three-prime repair exonuclease 1
UniProt Protein Name	Three-prime repair exonuclease 1
UniProt Gene Name	TREX1
UniProt Synonym Gene Names	DNase III

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-or-yeast-or-baculovirus-or-mammalian-cell/116816>