Recombinant Human TREX1 Protein, His-MBP & His-tagged

Cat. No. TREX1-2757H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TREX1 Protien(NP_009179)(1-369aa), fused to two N-terminal tags,His and MBP tag, and C-terminal His tag, was expressed in Baculovirus-Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	1-369aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	83.6 kDa
AA Sequence	MGPGARRQGRIVQGRPEMCFCPPPTPLPPLRILTLGTHTPTPCSSPGSAAGTYPTM GSQALPPGPMQTLIFFDMEATGLPFSQPKVTELCLLAVHRCALESPPTSQGPPPTVP PPPRVVDKLSLCVAPGKACSPAASEITGLSTAVLAAHGRQCFDDNLANLLLAFLRRQ PQPWCLVAHNGDRYDFPLLQAELAMLGLTSALDGAFCVDSITALKALERASSPSEH GPRKSYSLGSIYTRLYGQSPPDSHTAEGDVLALLSICQWRPQALLRWVDAHARPFG TIRPMYGVTASARTKPRPSAVTTTAHLATTRNTSPSLGESRGTKDLPPVKDPGALSR EGLLAPLGLLAILTLAVATLYGLSLATPGE
Purity	Greater than 85% as determined by SDS-PAGE.

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Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	TREX1 three prime repair exonuclease 1 [Homo sapiens (human)]
Official Symbol	TREX1
Synonyms	CRV; AGS1; DRN3; HERNS; 3' repair exonuclease 1; 3'-5' exonuclease TREX1; DNase III; deoxyribonuclease III; three-prime repair exonuclease 1
Gene ID	11277
mRNA Refseq	NM_007248
Protein Refseq	NP_009179
UniProt ID	Q9NSU2

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