

Product datasheet for **TP761837**

TREX1 (NM_016381) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human three prime repair exonuclease 1 (TREX1), transcript variant 1, full length, with N-terminal GST and C-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length TREX1
Tag:	N-GST and C-His
Predicted MW:	66.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_057465
Locus ID:	11277
UniProt ID:	Q9NSU2
RefSeq Size:	2216
Cytogenetics:	3p21.31
RefSeq ORF:	1107
Synonyms:	AGS1; CRV; DRN3; HERN3



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Summary: This gene encodes a nuclear protein with 3' exonuclease activity. The encoded protein may play a role in DNA repair and serve as a proofreading function for DNA polymerase. Mutations in this gene result in Aicardi-Goutieres syndrome, chilblain lupus, Cree encephalitis, and other diseases of the immune system. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2012]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cytosolic DNA-sensing pathway

Product images:

