ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Three Prime Repair Exonuclease 2 Human Recombinant

Item Number	rAP-1340
Synonyms	Three Prime Repair Exonuclease 2, 3'-5' exonuclease TREX2 long form.
Description	TREX2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 256 amino acids (1-236a.a.) and having a molecular mass of 28.0 kDa. TREX2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9BQ50
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSEAPRAETF VFLDLEATGL PSVEPEIAEL SLFAVHRSSL ENPEHDESGA LVLPRVLDKL TLCMCPERPF TAKASEITGL SSEGLARCRK AGFDGAVVRT LQAFLSR-QAG PICLVAHNGF DYDFPLLCAE LRRLGARLPR DTVCLDTLPA LRGLDRAHSH GTRARGRQGY SLGSLFHRYF RAEPSAAHSA EGDVHTLLLI FLHRAAELLA WADEQARGWA HIEPMYLPPD DPSLEA
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	The TREX2 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 200mM NaCl, 5mM DTT and 30% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only