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Datasheet for ABIN666984

Thioredoxin Reductase Protein (TrxR) (AA 1-321)

1 Image

Overview

Quantity:	100 µg
Target:	Thioredoxin Reductase (TrxR)
Protein Characteristics:	AA 1-321
Origin:	E. coli
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	TRXB, 1-321aa, E.coli, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	Thioredoxin Reductase (TrxR)
Alternative Name:	TRXB (TrxR Products)

Background: TRXB(Thioredoxin reductase) is a ubiquitous enzyme which is involved in many cellular processes such as cell growth, p53 activity, and protection against oxidation stress. The mammalian Thioredoxin reductase reduces thioredoxins as well as non-disulfide substrates such as selenite, lipoic acids, lipid hydroperoxides, and hydrogen peroxide. Recombinant E.coli TRXB protein was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: , Thioredoxin reductase JW0871, ECK0879, Thioredoxin reductase,

Target Details

FAD/NAD(P)-binding, TRXR. NCBI no.: YP_003044110

Molecular Weight: 34.6 kDa (321aa), confirmed by MALDI-TOF

Application Details

Restrictions: For Research Use only

Handling

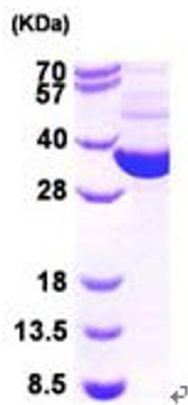
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT, 10% glycerol

Storage: 4 °C

Images



15% SDS-PAGE (3ug)⁺

SDS-PAGE

Image 1.