



Recombinant E. coli Thioredoxin reductase Protein (DAG-P2971)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Active E. coli Thioredoxin reductase full length protein
Antigen Description	Thioredoxin reductase is a member of the flavin-containing NADPH:disulfide oxidoreductases (DSOR) family.
Species	E. coli
Purity	> 90 % by SDS-PAGE. This antigen is purified using conventional chromatography techniques.
Conjugate	Unconjugated
Applications	FuncS SDS-PAGE MS
Molecular Weight	35 kDa
Bio-activity	Specific activity is 4-5 units/ml, and was measured in a coupled assay with DTNB and NADPH. The amount of TNB generated by NADPH was measured in absorbance at 412 nm.
Format	Liquid
Buffer	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0
Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze/thaw cycles.

BACKGROUND

Introduction Escherichia coli; commonly abbreviated E. coli) is a gram-negative, facultatively anaerobic, rod-

shaped bacterium of the genus *Escherichia* that is commonly found in the lower intestine of warm-blooded organisms (endotherms). Most *E. coli* strains are harml

Keywords

ECK0879; JW0871; Thioredoxin reductase, FAD/NAD(P)-binding; TRXR; *E. coli* TRXR; *Escherichia coli* TRXR
