



Recombinant E. coli Thioredoxin Reductase 1 (DAG2491)

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

PRODUCT INFORMATION

Product Overview	Escherichia coli trxB (YP_003044110, a.a 1-321) full-length recombinant protein expressed in Escherichia coli.
Species	E. coli
Purity	> 95% by SDS-PAGE
Conjugate	Unconjugated
Applications	SDS-PAGE, FuncS
Format	Liquid
Buffer	In 20 mM Tris-HCl, pH 8.0 (1 mM DTT, 10% glycerol)
Preservative	None
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

BACKGROUND

Introduction	Escherichia coli is a Gram-negative, rod-shaped bacterium that is commonly found in the lower intestine of warm-blooded organisms (endotherms). Most E. coli strains are harmless, but some serotypes can cause serious food poisoning in humans, and are occasionally responsible for product recalls due to food contamination. The harmless strains are part of the normal flora of the gut, and can benefit their hosts by producing vitamin K2, and by preventing the establishment of pathogenic bacteria within the intestine
Keywords	E. coli; E. coli Thioredoxin Reductase 1