10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

E. Coli recombinant protein TRXB

E. Coli Recombinant TRXB
Catalog # PBV10568r

Specification

E. Coli recombinant protein TRXB - Product info

Primary Accession	P0A9P4
Concentration	1
Calculated MW	34.6 kDa KDa

E. Coli recombinant protein TRXB - Additional Info

Gene ID	949054
Gene Symbol	TRXB
Other Names	
Thioredoxin reductase	
Gene Source	E. Coli
Source	E. Coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGTTKHSKLL ILGSGPAGYT AAVYAARANL QPVLITGMEK GGQLTTTTEV ENWPGDPNDL TGPLLMERMH EHATKFETEI IFDHINKVDL QNRPFRLNGD NGEYTCDALI IATGASARYL GLPSEEAFKG RGVSACATCD GFFYRNQKVA VIGGGNTAVE EALYLSNIAS EVHLIHRRDG FRAEKILIKR LMDKVENGNI ILHTNRTLEE VTGDQMGVTG VRLRDTQNSD NIESLDVAGL FVAIGHSPNT AIFEGQLELE NGYIKVQSGI HGNATQTSIP GVFAAGDVMD HIYRQAITSA GTGCMAALDA ERYLDGLADA K.

Format
Liquid

Storage
-80°C; 1 mg/ml solution in 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol and 1mM DTT.

E. Coli recombinant protein TRXB - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence

- Immunoprecipitation
- Flow Cytomety
- Cell Culture

E. Coli recombinant protein TRXB - Images

E. Coli recombinant protein TRXB - Background

Thioredoxin reductases are the only known enzymes to reduce thioredoxin. Two classes of thioredoxin reductase have been identified: one class in bacteria and some eukaryotes and one in animals. Both classes are flavoproteins which function as homodimers. 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

E. Coli recombinant protein TRXB - References

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Delaney J.M.,et al.J. Bacteriol. 175:166-175(1993).