

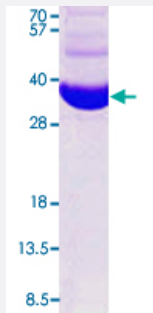
Bioactive

Full-Length

trxB (*Escherichia coli*) Recombinant protein

Catalog # P4980 Size 100 ug

Applications



Specification

Product Description	<i>Escherichia coli</i> trxB (YP_003044110, 1.a.a - 321 a.a.) full-length recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MGTTKHSKLLILGSGPAGYTAAVYAARANLQPVLITGMEKGGQLTTTTEVENWPGDPNDLTGPLL MERMHEHATKFETEIIFDHINKVDLQNRPFRLNGDNGEYTCDALIATGASARYLGLPSEEAFKGRG VSACATCDGFFYRNQKVAVIGGGNTAVEEALYLSNASEVHLIHRDGFRAEKILIKRLMDKVENG IILHTNRTLEEVTGDQMGVTGVRLRDTQNSDNIESLDVAGLFVAIGHSPNTAIFEGQLELENGYIKVQ SGIHGNATQTSIPGVFAAGDVM DHYRQATSAGTGCMALDAERYLDGLADAK
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	17.2
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Conventional Chromatography
Concentration	1 mg/mL
Purity	> 90% by SDS-PAGE

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.
Quality Control Testing	15% SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 20 mM Tris-HCl buffer, pH 8.0 (1 mM DTT, 10% glycerol).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE