

Product datasheet for **AR09997PU-N**

Thiol peroxidase / tpx (1-168, His-tag) Escherichia coli Protein

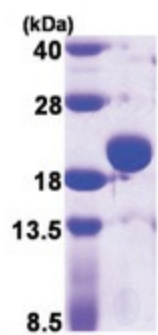
Product data:

Product Type:	Recombinant Proteins
Description:	Thiol peroxidase / tpx (1-168, His-tag) e. coli recombinant protein, 0.1 mg
Species:	Escherichia coli
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MSQTVHFQGN PVTVANSIPQ AGSKAQFTFL VAKDLSDVTL GQFAGKRKVL NIFPSIDTGV CAASVRKFNQ LATEIDNTVV LCISADLPFA QSRFCGAEGL NNVITLSTFR NAEFLQAYGV AIADGPLKGL AARAVVIDE NDNVIFSQVL DEITTEPDYE AALAVLKA
Tag:	His-tag
Predicted MW:	19.9 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2 mM DTT, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant E.coli TPX protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Summary:	TPX, also known as lipid hydroperoxide peroxidase, is a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. This protein may play an important role in thioredoxin peroxidase activity.



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Product images:



15% SDS-PAGE (3ug)
