

## Thiol Peroxidase E.Coli Recombinant

<b>Item Number</b>	rAP-1428
<b>Synonyms</b>	Thiol peroxidase, Scavengase P20, tpx, yzzJ, b1324, JW1317.
<b>Description</b>	TPX produced in E.Coli is a single, non-glycosylated polypeptide chain containing 188 amino acids (1-168 a.a.) and having a molecular mass of 19.9kDa. TPX is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P0A862
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MSQTVHFQGN PVTVANSIPQ AGSKAQTFTL VAKDLSDVTL GQFAGKRKVL NIFPSIDTGV CAASVRKFNQ LATEIDNTVV LCISADLPFA QSRFCGAEGL NNVITLSTFR NAEFLQAYGV AIADGPLKGL AARAVVVIDE NDNVIFSQLV DEITTEPDYE AALAVLKA.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered liquid formulation 1 mg/ml. TPX E.Coli Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
<b>Formulation and Purity</b>	The Recombinant TPX solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) 10% glycerol, 2mM DTT and 0.1M NaCl. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**