

Thiol Peroxidase E.Coli Recombinant

Item Number	rAP-1428
Synonyms	Thiol peroxidase, Scavengase P20, tpx, yzzJ, b1324, JW1317.
Description	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.
Uniprot Accesion Number	P0A862
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSQTVHFQGN PVTVANSIPQ AGSKAQTFTL VAKDLSDVTL GQFAGKRKVL NIFPSIDTGV CAASVRKFNQ LATEIDNTVV LCISADLPFA QSRFCGAEGL NNVITLSTFR NAEFLQAYGV AIADGPLKGL AARAVVVIDE NDNVIFSQLV DEDITTEPDYE AALAVLKA.
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	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.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**