

TPX E.coli

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.

Catalog #: ENPS-142

For research use only.

Synonyms: Thiol peroxidase, Scavengase P20, tpx, yzzJ, b1324, JW1317.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered liquid formulation 1 mg/ml.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MSQTVHFQGN PVTVANSIPQ
AGSKAQFTFL VAKDLS DVT L GQFAGKRKVL NIFPSIDTGV CAASVRKFNQ LATEIDNTVV
LCISADLPFA QSRFCGA EGL NNVITLSTFR NAEFLQAYGV AIADGPLKGL AARAVVVIDE
NDNVIFS QLV DEITTEPDYE AALAVLKA.

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:

The Recombinant TPX solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) 10% glycerol, 2mM DTT and 0.1M NaCl.

Stability:

TPX E.Coli Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

Lipid hydroperoxide peroxidase (TPX) belongs to the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. TPX has an imperative role in thioredoxin peroxidase activity.

To place an order, please [Click HERE](#).