

## 32-2863: TPX Recombinant Protein

**Alternative Name :** Thiol peroxidase, Scavengase P20, tpx, yzzj, b1324, JW1317.

### Description

Source : Escherichia Coli. 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.

### Product Info

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|----------------------------|--|
| <b>Amount :</b>            | 20 µg  |
| <b>Purification :</b>      | Greater than 95.0% as determined by SDS-PAGE.  |
| <b>Content :</b>           | 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. |
| <b>Storage condition :</b> | TPX E.Coli Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.   |
| <b>Amino Acid :</b>        | MGSSHHHHHH SSSLVPRGSH MSQTVHFQGN PVTVANSIPQ AGSKAQFTFL VAKDLSDVTL<br>GQFAGKRKVL NIFPSIDTGV CAASVRKFNQ LATEIDNTVV LCISADLPFA QSRFCGAEGL NNVITLSTFR<br>NAEFLQAYGV AIADGPLKGL AARAVVVIDE NDNVIFSQVL DEITTEPDYE AALAVLKA.    |

