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## Product Datasheet

### Recombinant E.coli trxA protein NBS-PAT-JYKPR9-250

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Recombinant E.coli trxA protein                                                                                                                                                                                                                               |
| Artikelnummer            | NBS-PAT-JYKPR9-250                                                                                                                                                                                                                                            |
| Hersteller Artikelnummer | PAT-JYKPR9-250                                                                                                                                                                                                                                                |
| Alternativnummer         | NBS-PAT-JYKPR9-250                                                                                                                                                                                                                                            |
| Hersteller               | Nordic BioSite                                                                                                                                                                                                                                                |
| Kategorie                | Proteine/Peptide                                                                                                                                                                                                                                              |
| Applikation              | EP, FA                                                                                                                                                                                                                                                        |
| Spezies Reaktivität      | Bacteria                                                                                                                                                                                                                                                      |
| Produktbeschreibung      | Thioredoxin 1 (Trx) is a low molecular weight redox protein. Trx contains a redox active disulfide/dithiol group within the conserved Cys-Gly-Pro-Cys active site. It is involved in the first unique step in DNA synthesis. Trx also provides control ove... |
| Konzentration            | 0.5 mg/ml                                                                                                                                                                                                                                                     |
| Molekulargewicht         | 12.8 kDa (117aa) confirmed by MALDI-TOF                                                                                                                                                                                                                       |
| Tag                      | HIS Tag                                                                                                                                                                                                                                                       |
| NCBI                     | <a href="#">23335415</a>                                                                                                                                                                                                                                      |
| UniProt                  | <a href="#">W8TGE9</a>                                                                                                                                                                                                                                        |
| Puffer                   | Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 1mM DTT.                                                                                                                                                                                     |

|          |                                                                                                                                       |
|----------|---------------------------------------------------------------------------------------------------------------------------------------|
| Reinheit | >95%                                                                                                                                  |
| Sequenz  | MHHHHHHMGS DKIIHLTDDS FDTDVLKADG AILVDFWAEW CGPCKMIAP<br>LDEIADEYQG KLTVAKLNID QNPGTAPKYG IRGIPTLLLF KNGEVAATKV<br>GALSKGQLKE FLDANLA |