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## Product Datasheet

### Lanmodulin (LanM), E. coli TRZ-P2020-126\_100

|                            |                                                                                                                                                                                                                                                                  |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Lanmodulin (LanM), E. coli                                                                                                                                                                                                                                       |
| Biozol Catalog Number      | TRZ-P2020-126_100                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | P2020-126_100                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | TRZ-P2020-126_100                                                                                                                                                                                                                                                |
| Manufacturer               | trenzyme                                                                                                                                                                                                                                                         |
| Host                       | E. coli                                                                                                                                                                                                                                                          |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                   |
| Application                | ELISA, FA, WB                                                                                                                                                                                                                                                    |
| Species Reactivity         | Bacteria                                                                                                                                                                                                                                                         |
| Product Description        | Lanthanides (Lns) are essential cofactors in certain enzymes. Lanmodulin (LanM) is a metal binding protein found in several lanthanide-utilizing, methylotrophic bacteria like Methylobacterium sp. The protein exhibits unique metal-binding properties and ... |
| Molecular Weight           | 14,9 kDa                                                                                                                                                                                                                                                         |
| UniProt                    | <a href="#">B1ZIE8</a>                                                                                                                                                                                                                                           |
| Buffer                     | PBS                                                                                                                                                                                                                                                              |
| Purity                     | > 95% as determined by SDS-PAGE                                                                                                                                                                                                                                  |
| Form                       | liquid                                                                                                                                                                                                                                                           |

|          |                                                                                                                                              |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence | MAFRLSSAVLLAALVAAPAYAAPTTTTKVDIAAFDPDKDGTIDLKEALAAGSAA<br>FDKLDPKDKGTLDKELKGRVSEADLKKLDPDNDGTLDKKEYLAAVEAQFKA<br>ANPDNDGTIDARELASPAGSALVNLIR |
| Formula  | pH 7,4                                                                                                                                       |