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## Product Datasheet

### Lanosterol 14-alpha Demethylase, Recombinant, Mycobacterium Tuberculosis, aa1-451, His-Tag USB-585148

|                            |                                                                                                                                                                                                                                                                  |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Lanosterol 14-alpha Demethylase, Recombinant, Mycobacterium Tuberculosis, aa1-451, His-Tag                                                                                                                                                                       |
| Biozol Catalog Number      | USB-585148                                                                                                                                                                                                                                                       |
| Supplier Catalog Number    | 585148                                                                                                                                                                                                                                                           |
| Alternative Catalog Number | USB-585148-20,USB-585148-100                                                                                                                                                                                                                                     |
| Manufacturer               | US Biological                                                                                                                                                                                                                                                    |
| Category                   | Molekularbiologie                                                                                                                                                                                                                                                |
| Product Description        | Its precise biological substrate is not known. Catalyzes C14-demethylation of lanosterol, 24,25-dihydrolanosterol and obtusifolioside which is critical for ergosterol biosynthesis. It transforms lanosterol into 4,4-dimethyl cholesta-8,14,24-triene-3-bet... |
| Molecular Weight           | 56.8                                                                                                                                                                                                                                                             |
| UniProt                    | <a href="#">P9WPP8</a>                                                                                                                                                                                                                                           |
| Purity                     | 85% (SDS-PAGE)                                                                                                                                                                                                                                                   |
| Form                       | Supplied as a lyophilized powder from 20mM Tris-HCl, 0.5M sodium chloride, pH 8.0, 6% trehalose. Reconstitute with sterile ddH2O to a concentration of 0.1-1mg/ml.                                                                                               |