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## Product Datasheet

### Thymine Dioxygenase JBP1, Recombinant, Leishmania infantum, aa200-600, His-V5-Tag USB-586506

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Thymine Dioxygenase JBP1, Recombinant, Leishmania infantum, aa200-600, His-V5-Tag                                                                                                                                                                             |
| Biozol Catalog Number      | USB-586506                                                                                                                                                                                                                                                    |
| Supplier Catalog Number    | 586506                                                                                                                                                                                                                                                        |
| Alternative Catalog Number | USB-586506-20,USB-586506-100                                                                                                                                                                                                                                  |
| Manufacturer               | US Biological                                                                                                                                                                                                                                                 |
| Category                   | Molekularbiologie                                                                                                                                                                                                                                             |
| Product Description        | Dioxygenase that catalyzes the first step of DNA base J (beta-d-glucosyl-HOMedU) biosynthesis by converting thymine to 5-hydroxymethyluracil (HOMedU). DNA base J is a hypermodified thymidine residue found in the genome of kinetoplastid parasites, whi... |
| Molecular Weight           | 53.4                                                                                                                                                                                                                                                          |
| UniProt                    | <a href="#">A4HU70</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.                                                                                            |