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## Product Datasheet

### **RpiA, Recombinant, E. coli, aa1-219, GST-Tag (Ribose-5-phosphate Isomerase A) USB-375093**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | RpiA, Recombinant, E. coli, aa1-219, GST-Tag (Ribose-5-phosphate Isomerase A)                                                                                                                                                                                 |
| Biozol Catalog Number      | USB-375093                                                                                                                                                                                                                                                    |
| Supplier Catalog Number    | 375093                                                                                                                                                                                                                                                        |
| Alternative Catalog Number | USB-375093-20,USB-375093-100                                                                                                                                                                                                                                  |
| Manufacturer               | US Biological                                                                                                                                                                                                                                                 |
| Category                   | Molekularbiologie                                                                                                                                                                                                                                             |
| Product Description        | Involved in the first step of the non-oxidative branch of the pentose phosphate pathway. It catalyzes the reversible conversion of ribose-5-phosphate to ribulose 5-phosphate. Can also act on D-ribose-5-diphosphate and D-ribose-5-triphosphate as subst... |
| Molecular Weight           | 49.9                                                                                                                                                                                                                                                          |
| UniProt                    | <a href="#">P0A7Z0</a>                                                                                                                                                                                                                                        |
| Purity                     | 90% (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.                                                                                            |