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## Product Datasheet

### **3-phosphoshikimate 1-carboxyvinyltransferase 1, chloroplastic, Recombinant, Nicotiana tabacum, aa75-518, His-Tag USB-583403**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | 3-phosphoshikimate 1-carboxyvinyltransferase 1, chloroplastic, Recombinant, Nicotiana tabacum, aa75-518, His-Tag                                                                                                                                              |
| Biozol Catalog Number      | USB-583403                                                                                                                                                                                                                                                    |
| Supplier Catalog Number    | 583403                                                                                                                                                                                                                                                        |
| Alternative Catalog Number | USB-583403-20, USB-583403-100                                                                                                                                                                                                                                 |
| Manufacturer               | US Biological                                                                                                                                                                                                                                                 |
| Category                   | Molekularbiologie                                                                                                                                                                                                                                             |
| Product Description        | Catalyzes the transfer of the enolpyruvyl moiety of phosphoenolpyruvate (PEP) to the 5-hydroxyl of shikimate-3-phosphate (S3P) to produce enolpyruvyl shikimate-3-phosphate and inorganic phosphate. Source: Recombinant protein corresponding to aa75-518... |
| Molecular Weight           | 53.7                                                                                                                                                                                                                                                          |
| UniProt                    | <a href="#">P23981</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.                                                                                            |