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## Product Datasheet

### Recombinant Staphylococcus epidermidis Shikimate dehydrogenase (NADP(+)) (aroE) BYT-ORB1096493

|                            |  |
|----------------------------|--|
| Article Name               | Recombinant Staphylococcus epidermidis Shikimate dehydrogenase (NADP(+)) (aroE)  |
| Biozol Catalog Number      | BYT-ORB1096493   |
| Supplier Catalog Number    | orb1096493   |
| Alternative Catalog Number | BYT-ORB1096493-1,BYT-ORB1096493-100,BYT-ORB1096493-20  |
| Manufacturer               | Biorbyt  |
| Category                   | Proteine/Peptide   |
| Product Description        | This Recombinant Staphylococcus epidermidis Shikimate dehydrogenase (NADP(+)) (aroE) spans the amino acid sequence from region 1-269aa. Purity: Greater than 90% as determined by SDS-PAGE....                                     |
| Molecular Weight           | 37.4 kDa   |
| UniProt                    | <a href="#">Q5HNV1</a>   |
| Buffer                     | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| Source                     | Staphylococcus epidermidis (strain ATCC 35984 / RP62A)   |
| Purity                     | Greater than 90% as determined by SDS-PAGE.  |
| Form                       | Liquid or Lyophilized powder   |

|                   |  |
|-------------------|--|
| Sequence          | MKFAVIGNPISHLSPLMHHANFQSLNLENTYEAINVPVNQFQDIKKIISEKSID<br>GFNVTIPHKERIIPYLLDINEQAKSVGAVNTVLVKDGKWIGYNTDGIGYVNLK<br>QIYEGIEDAYILILGAGGASKGIANELYKIVRPTLTVANRTMSRFNNWSLNINKIN<br>LSHAESHLDEFDIIINTTPAGMNGNTDSVISLNRLASHTLVSDIVYNPYKTPILIE<br>AEQRGNPIYNGLD MFVHQGAESFKIWTNLEPDIK   |
| Application Notes | Biological Origin: Staphylococcus epidermidis (strain ATCC 35984 / RP62A). Application Notes: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference |