

Native L-ascorbate oxidase

SPECIFICATION

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| Cat.No. | ASOM-37 |
| Species | Acremonium sp. |
| Product Name | Native L-ascorbate oxidase |
| Product Overview | Native L-ascorbate oxidase (EC 1.10.3.3) was purified from Acremonium sp.. |
| Description | In enzymology, a L-ascorbate oxidase (EC 1.10.3.3) is an enzyme that catalyzes the chemical reaction $2 \text{ L-ascorbate} + \text{O}_2 \rightarrow 2 \text{ dehydroascorbate} + 2 \text{ H}_2\text{O}$. Thus, the two substrates of this enzyme are L-ascorbate and O ₂ , whereas its two products are dehydroascorbate and H ₂ O. |
| Source | Acremonium sp. |
| Form | Light blue lyophilized powder. |
| Storage | Store in tightly closed containers, desiccated, protected from light, at -20°C. |
| Bio-activity | 200~450 U/mg |