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## Product Datasheet

**Native Cucurbita sp. L-ascorbate oxidase, CAS [[9029-44-1]]  
CRM-DIA-124**

|                            |   |
|----------------------------|---|
| Article Name               | Native Cucurbita sp. L-ascorbate oxidase, CAS [[9029-44-1]]   |
| Biozol Catalog Number      | CRM-DIA-124   |
| Supplier Catalog Number    | DIA-124   |
| Alternative Catalog Number | CRM-DIA-124-10  |
| Manufacturer               | Creative BioMart  |
| Category                   | Biochemikalien  |
| Product Description        | In enzymology, a L-ascorbate oxidase (EC 1.10.3.3) is an enzyme that catalyzes the chemical reaction 2 L-ascorbate + O <sub>2</sub> → 2 dehydroascorbate + 2 H <sub>2</sub> O. Thus, the two substrates of this enzyme are L-ascorbate and O <sub>2</sub> , whereas its two products are dehydroascorbate and H <sub>2</sub> O. |
| Concentration              | >200 U/mg   |
| CAS Number                 | [9029-44-1]   |
| Application Notes          | This enzyme is useful for enzymatic determination of ascorbic acid and for eliminating the interference of ascorbic acid in clinical analysis.  |