

Active Native Choline oxidase

Cat. No. COD-39 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Choline oxidase (EC 1.1.3.17) was purified from Arthrobacter globiformis.
Species	Arthrobacter globiformis
Source	Arthrobacter globiformis
Description	In enzymology, a choline oxidase (EC 1.1.3.17) is an enzyme that catalyzes the chemical reaction $\text{choline} + \text{O}_2 \rightarrow \text{betaine aldehyde} + \text{H}_2\text{O}_2$. Thus, the two substrates of this enzyme are choline and O_2 , whereas its two products are betaine aldehyde and H_2O_2 .
Form	Yellowish lyophilized powder.
Bio-activity	8~20 U/mg
Storage	Store in tightly closed containers, desiccated, protected from light, at -20°C .

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