

Active Native Pyruvate oxidase

Cat. No. POPG-42 Lot. No. (See product label)

SPECIFICATION

Product Overview	Native Pyruvate oxidase (EC 1.2.3.3) was purified from <i>Aerococcuss viridans</i> .
Species	<i>Aerococcuss viridans</i>
Source	<i>Aerococcuss viridans</i>
Description	In enzymology, a pyruvate oxidase (EC 1.2.3.3) is an enzyme that catalyzes the chemical reaction pyruvate + phosphate + O ₂ → acetyl phosphate + CO ₂ + H ₂ O ₂ . The 3 substrates of this enzyme are pyruvate, phosphate, and O ₂ , whereas its 3 products are acetyl phosphate, CO ₂ , and H ₂ O ₂ .
Form	Yellowish lyophilized powder.
Bio-activity	25~60 U/mg
Storage	Store in tightly closed containers, desiccated, protected from light, at -20°C.

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