

Active Native Arthrobacter sp. Xanthine Oxidase

Cat. No. XOD-01A Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Native Arthrobacter sp. Xanthine Oxidase
Species	Arthrobacter sp.
Source	Arthrobacter sp.
Description	Xanthine oxidase, an enzyme that produces reactive oxygen species and uric acid from oxygen and purine.
Form	White lyophilized powder
CAS	9002-17-9
Unit Definition	One unit will convert 1.0 μ mole of xanthine to uric acid per min at pH 7.5 at 25 centigrade. Approx. 50% of the activity is obtained with hypoxanthine as substrate.
Bio-activity	>10 U/mg
Storage	Store it at 2-8 centigrade for at least 1 year; -20 centigrade for at least 3 years.

GENE INFORMATION

Official Symbol	XOD; Xanthine Oxidase
Synonyms	XOD

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