Active Recombinant Full Length Bacillus subtilis Oxalate Decarboxylase

Cat. No. OxdC-01B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Bacillus subtilis Oxalate Decarboxylase without tag was expressed in E. coli.
Species	Bacillus subtilis
Source	E.coli
Description	Oxalate decarboxylase (OxDC) from Bacillus subtilis is a Mn-dependent hexameric enzyme that converts oxalate to carbon dioxide and formate.
Form	White lyophilized powder
Bio-activity	186 U/mg protein; 28 U/mg solid
Purity	≥ 95%
Storage	Store at -20 centigrade for at least 2 years.

GENE INFORMATION

Gene Name	oxdC oxalate decarboxylase [Bacillus subtilis subsp. subtilis str. 168]
Official Symbol	oxdC

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Synonyms	oxdC; oxalate decarboxylase; oxalate decarboxylase; EC 4.1.1.2; Evidence 1a: Function from experimental evidences in the studied strain; PubMedId: 10960116, 14697267, 14871895, 17459326, 18573182, 19047353, 21255608, 21264418, 21782782, 26744902, 27797181; Product type e : enzyme
Gene ID	938620
Protein Refseq	NP_391204

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