Active Recombinant Candida Boidinii Formate Dehydrogenase

Cat. No. FDH-01C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Candida Boidinii Formate Dehydrogenase was expressed in E. coli.
Species	Candida Boidinii
Source	E.coli
Description	Formate dehydrogenases (FDHs) catalyze the two-electron oxidation of formate to carbon dioxide. FDHs can be divided into several groups depending on their subunit composition and active-site metal ions.
Form	Light white lyophilized powder
Bio-activity	Specific Activity: 10.3 U/mg protein Activity: 2.7 U/mg solid
Purity	≥95% by SDS-PAGE
Storage	Store at -20 centigrade for at least 2 years
EC No.	1.2.1.2
CAS No.	9028-85-7
Unit Definition	One Unit is defined as the amount of enzyme required to convert one μmole of formic acid to NADH + CO2 per minute in the presence of NAD+ in potassium phosphate

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	buffer at pH 7.6 and 25 centigrade

GENE INFORMATION

Official Symbol	FDH
Synonyms	FDH; Formate Dehydrogenase

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