

FORMATE DEHYDROGENASE (*Candida boidinii*)

08/23

Recombinant**E-FDHCB****EC:** 1.2.1.2 (transferred to EC 1.17.1.9)**Synonyms:** formate dehydrogenase; formate:NAD⁺ oxidoreductase**CAS:** 9028-85-7**Refer to the product lot number Certificate of Analysis for lot specific properties.****PROPERTIES****1. ELECTROPHORETIC PURITY:**

- Single band on SDS-gel electrophoresis (MW ~ 41,000)
- One major band on isoelectric focusing (pI ~ 6.4)

2. SPECIFICITY:

Catalyses the reaction:

**3. PHYSICOCHEMICAL PROPERTIES:**

Recommended conditions of use are at pH 7.6 and up to 37°C.

4. STORAGE CONDITIONS:

The enzyme is supplied as an ammonium sulphate suspension and should be stored at 4°C. For assay, this enzyme should be diluted in potassium phosphate buffer (100 mM), pH 7.6 containing 1 mg/mL BSA. **Swirl to mix the enzyme immediately prior to use.**