

# Active Native Pseudomonas sp. Formaldehyde dehydrogenase

**Cat. No.** FRD-022P    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Native Pseudomonas sp. FRD Protein                                                                                                                                                                             |
| <b>Species</b>          | Pseudomonas sp.                                                                                                                                                                                                       |
| <b>Description</b>      | Formaldehyde dehydrogenase is defined as an enzyme that catalyzes the detoxification of formaldehyde in plants by converting its adduct with glutathione into formic acid, utilizing NAD <sup>+</sup> in the process. |
| <b>Form</b>             | Light white Lyophilized powder or Liquid                                                                                                                                                                              |
| <b>Bio-activity</b>     | Specific activity: ≥ 10 U/mg protein Activity: ≥ 1 U/mg solid                                                                                                                                                         |
| <b>Purity</b>           | > 90%                                                                                                                                                                                                                 |
| <b>Notes</b>            | This product is for research and manufacturing use only and is not intended for diagnostic or therapeutic use.                                                                                                        |
| <b>Storage</b>          | 4-8 centigrade: At least 2 years -20 centigrade: At least 3 years                                                                                                                                                     |
| <b>CAS No.</b>          | 9028-84-6                                                                                                                                                                                                             |
| <b>EC No.</b>           | 1.2.1.46                                                                                                                                                                                                              |

## GENE INFORMATION

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|-----------------|---------------------------------|
| Official Symbol | FRD                             |
| Synonyms        | Formaldehyde dehydrogenase; FRD |