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Product Data Sheet

Formate Dehydrogenase

Catalog #	Source	Reactivity	Applications
CZM1189	Thiobacillus sp		

Description	Recombinant Formate Dehydrogenase from Thiobacillus sp
Specificity	>5 U/mg protein, >0.4 U/mg powder
Form	Light white lyophilized powder
Alternative Names	EC 1.17.1.9; formate-NAD oxidoreductase; FDH; FDH I; FDH II; N-FDH; formic hydrogen-lyase; formate hydrogenlyase; hydrogenlyase; NAD-linked formate dehydrogenase; NAD-dependent formate dehydrogenase; formate dehydrogenase (NAD); NAD-formate dehydrogenase; formate benzyl-viologen oxidoreductase; formic acid dehydrogenase
CAS Number	9028-85-7
Molecular Weight	
Purity	>90%
Unit Definition	One unit is defined as the amount of enzyme will oxidize 1 micromole formate to CO2 in the presence of beta-NAD per min at pH 7.6, 37 °C.
Storage/Stability	Shipped at 4°C. Store at -20°C for 2 years.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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