

Product Data Sheet

Formate Dehydrogenase

Catalog #	Source	Reactivity	Applications
CZM1047	E.coli		
Description	Recombinant Formate Dehydrogenase from E.coli		
Specificity	>5 U/mg protein, >1 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;		
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 CO ₂ 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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