

Product Data Sheet

Leucine Dehydrogenase

Catalog #	Source	Reactivity	Applications
CZM1039	Bacillus sp		
Description	Recombinant Leucine Dehydrogenase from Bacillus sp		
Specificity	>10 U/mg protein, >1 U/mg powder		
Form	Light white Lyophilized powder		
Alternative Names	EC 1.4.1.9; LeuDH; Leucine dehydrogenase; L-leucine: NAD ⁺ oxidoreductase (deaminating); L-leucine dehydrogenase; L-leucine: NAD ⁺ oxidoreductase (deaminating)		
CAS Number	9082-71-7		
Molecular Weight			
Purity	>90%		
Unit Definition	One unit will convert one micromole L-Leucine to α -Ketoisocaproate per minute at pH 10.5, 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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