

## Leucine dehydrogenase, Microorganism

Cat. No.:	HY-P2768	
CAS No.:	9082-71-7	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	Leucine dehydrogenase, Microorganism
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

### BIOLOGICAL ACTIVITY

#### Description

Leucine dehydrogenase, Microorganism (EC 1.4.1.9) can be purified from *Bacillus sphaeroides*. Leucine dehydrogenase catalyzed the oxidative deamination of L-leucine, L-valine, L-isoleucine, L-norvaline, L-alpha-aminobutyrate, and L-norleucine, and the reductive amination of their keto analogues<sup>[1]</sup>.

### REFERENCES

[1]. Ohshima T, et al. Properties of crystalline leucine dehydrogenase from *Bacillus sphaericus*. J Biol Chem. 1978 Aug 25;253(16):5719-25.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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