

Active Recombinant Hypocrea jecorina L-arabinitol 4-dehydrogenase

Cat. No. lad1-14H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Hypocrea jecorina
Source	E.coli
Description	L-arabinitol 4-dehydrogenase (LAD1; EC 1.1.1.12) is an enzyme in the L-arabinose catabolic pathway of fungi that catalyzes the conversion of L-arabinitol into L-xylulose.
Source	E. coli
Species	Hypocrea jecorina
Tag	His
CAS No.	9028-19-7
Form	White lyophilized powder
Bio-Activity	Specific Activity: 145 U/mg Protein Activity: 33 U/mg solid
Unit Definition	One unit will cause the generation of 1.0 μ mole of NADH from NAD per min at pH 9.5 at 37 centigrade.

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Purity	≥ 95% by SDS-PAGE
Stability	At least 1 year
Storage	Store it at -20 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	This enzyme powder is PBS based buffer and reconstitute using H ₂ O.
GENE INFORMATION	
Official Symbol	lad1
Synonyms	lad1; L-arabinitol 4-dehydrogenase; EC 1.1.1.12

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