

L-lactate dehydrogenase 1 Recombinant Protein | Idh1 recombinant protein

Recombinant Lactobacillus plantarum L-lactate dehydrogenase 1

CATALOG # AAA114309	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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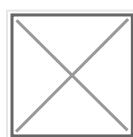
PRODUCT SYNONYMS

L-lactate dehydrogenase 1; Recombinant Lactobacillus plantarum L-lactate dehydrogenase 1; Idh1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-320. Full Length Protein
Sequence	MSSMPNHQKV VLVGDGAVGS SYAFAMAQQG IAEEFVIVDV VKDRTKGDAL DLEDAQAFTA PKKIYSGEYS DCKDADLVVI TAGAPQKPGE SRLDLVNKNL NILSSIVKPV VDSGFDGIFL VAANPVDILT YATWKFSGFP KDRVIGSGTS LDSSRLRVAL GKQFNVDPRS VDAYIMGEHG DSEFAAYSTA TIGTRPVRDV AKEQGVSDDED LAKLEDGVRN KAYDIINLKG ATFYGIGTAL MRISKAILRD ENAVLPVGAY MDGQYGLNDI YIGTPAVIGG TGLKQIIESP LSADELKKMQ DSAATLKKVL NDGLAELENK
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

References	Lactobacillus plantarum IdhL gene overexpression and deletion.Ferain T., Garmyn D., Bernard N., Hols P., Delcour J.J. Bacteriol. 176:596-601(1994) Expression of Derf 7 gene in Lactobacillus plantarum.Kim J., Tsutsui M., Yamashita M., Murooka Y. Complete genome sequence of Lactobacillus plantarum WCFS1.Kleerebezem M., Boekhorst J., van Kranenburg R., Molenaar D., Kuipers O.P., Leer R., Tarchini R., Peters S.A., Sandbrink H.M., Fiers M.W.E.J., Stiekema W., Klein Lankhorst R.M., Bron P.A., Hoffer S.M., Nierop Groot M.N., Kerkhoven R., De Vries M., Ursing B., De Vos W.M., Siezen R.J.Proc. Natl. Acad. Sci. U.S.A. 100:1990-1995(2003) Expression of LDH gene in Candida kefyr isolated from Mongolian Koumiss.Ham J., Kim H., Kim H.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	489737983
NCBI GeneID	1061886
NCBI Accession #	WP_003642078.1
NCBI GenBank Nucleotide #	WP_003642078.1
UniProt Accession #	P56512; P26299; Q8GMW6; F9UL11

Molecular Weight	61.2 kDa
NCBI Official Full Name	MULTISPECIES: L-lactate dehydrogenase
NCBI Official Symbol	ldhL1
NCBI Protein Information	L-lactate dehydrogenase
UniProt Protein Name	L-lactate dehydrogenase 1
UniProt Gene Name	ldh1
UniProt Synonym Gene Names	l-ldhL; ldh; ldhL; ldhL1; L-LDH 1
UniProt Entry Name	LDH1_LACPL

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ldh1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114309>