

L-lactate dehydrogenase (cl2158_1), Recombinant Protein

Cat RP10276

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg
(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg
Species (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Zea mays (Maize)
Cell)

Full Product Name

Recombinant Zea mays L-lactate dehydrogenase

Product Gene Name

cl2158_1 recombinant protein

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

MKKATSLSEL GFDAGDASSG FFRPVSGDSS TPTSQHRRR LTKVSVIGAG NVGMAIAQTI LTRDLADEIA
LVDAVPDKLR GEMLDLQHAA AFLPRTLVS GTDMSVTRGS DLVIVTAGAR QIQGETRLDL LQRNVALFRK
IVPPLAEQSH DALLLVVSNP VDLVTYVAWK LSGFPASRVI GSGTNLDSSR FRLLAEHLD VNAQDVQAYM
VGEHGDSSVA VWSSVSVAGM PVLKSLQESH RCFDEEALLEG IRRVVDSAY EVISLKGYS WAIGYSVASL
AASLLRDQRR IHPVSVLARG FHGIPDGTTS SSACPPRRPR RRPGRREMEL TEEEAKRLRR SAKTIWENCQ
LLGL

Sequence Positions

1-354, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

38,551 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week.
Repeated freezing and thawing is not recommended.

Protein Family

L-lactate dehydrogenase

NCBI Accession

P29038.1

NCBI GI

126066

NCBI GeneID

100282503

NCBI Official Full Name

L-lactate dehydrogenase

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
cl2158_1 Cell)

NCBI Official Synonym Symbols

LDH; GRMZM2G128929

NCBI Protein Information

L-lactate dehydrogenase

UniProt Gene Name

LDH

UniProt Synonym Gene Names

LDH

UniProt Protein Name

L-lactate dehydrogenase

UniProt Primary Accession

P29038

UniProt Related Accession

P29038

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