

Recombinant Lactobacillus plantarum L-lactate dehydrogenase 1(ldh1)

Catalog No: #AP71095

Package Size: #AP71095-1 20ug #AP71095-2 100ug #AP71095-3 1mg

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Description

Product Name	Recombinant Lactobacillus plantarum L-lactate dehydrogenase 1(ldh1)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-320aaSequence Info:Full Length
Accession No.	P56512
Calculated MW	61.2 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MSSMPNHQKVVLVGDGAVGSSYAFAMAQQGIAEEFVIVDVVKDRTKGDALDLEDAQAFTAPKKIYSGEYSDC KDADLVVITAGAPQKPGESRLDLVNKNLNLSSIVKPVVDSGFDGIFLVAANPVDILTYATWKFSGFPPKDRVIGS GTSLDSSRLRVALGKQFNVDPRSVDAYIMGEHGDSEFAAYSTATIGTRPVRDVAKEQGVSDDELAKLEDGVR NKAYDIINLKGATFYGIGTALMRISKAILRDENAVLPVGAYMDGQYGLNDIYIGTPAVIGGTGLKQIIESPLSADEL KKMQDSAATLKKVLNDGLAELENK
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

References

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., Turchini 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)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.