



Recombinant *Paranotothenia magellanica* L-lactate dehydrogenase A chain (Idha)

Product Code	CSB-EP012832ERY
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O93543
Product Type	Recombinant Protein
Immunogen Species	<i>Paranotothenia magellanica</i> (Maori cod) (<i>Gadus magellanicus</i>)
Purity	>85% (SDS-PAGE)
Sequence	STKEKLISH VMKEEPVGSG NKVTVVGVGM VGMASAISIL LKDLCDLAM VDVMEDKLLG EVMDLQHGSL FLKTKIVGDK DYSVTANSKV VVVTAGARQQ EGESRLNLVQ RNVNIFKFII PNIVKYSPNC ILMVVSNPVD ILTYVAWKLS GFPRHRVLGS GTNLDSARFR HLIGEKLHLH PSSCHAWIVG EHGDSVPVW SGVNVAGVSL QGLNPQMGTE GDGENWMAIH KEVVDGAYEV IKLKGYSWA IGMSVADLVE SIIKNMHKVH PVSTLVQGMH GVKDEVFLSV PCVLGNSGLT DVIHMALKAE EEKQVQKSAE TLWGVQKELT L
Source	E.coli
Target Names	Idha
Protein Names	Recommended name: L-lactate dehydrogenase A chain Short name= LDH-A EC= 1.1.1.27
Expression Region	2-331
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	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.