

Product datasheet

Recombinant Human Lactate Dehydrogenase protein ab235557

1 Image

Description

Product name	Recombinant Human Lactate Dehydrogenase protein	
Purity	> 85 % SDS-PAGE.	
Expression system	Escherichia coli	
Accession	<u>P00338</u>	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	KDQLYNLLKEEQTPQNKITVVGVGAVGMACAISILMKDLA DELALVDVI EDKLGEMMDLQHGSLFLRTPKIVSGKDYNVTANSKLVIT AGARQQEGE SRLNLVQRNVNIFKFIIPNVVKYSPNCKLLVSNPVDILTYVA WKISGFP KNRVIGSGCNLDSARFRYLMGERLGVHPLSCHGWWLGEH GDSSVPVWSGM NVAGVSLKTLHPDLGTDKDKKEQWKEVHKQVVESAYEVIK LKGYTSWAIGL SVADLAESIMKNLRRVHPVSTMIKGLYGIKDDVFLSVPCIL GQNGISDLV KVTLTSEEEARLKKSADTL	
Predicted molecular weight	35 kDa	
Amino acids	5 to 323	

Specifications

Our **Abpromise guarantee** covers the use of **ab235557** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Constituents: Tris buffer, 50% Glycerol

General Info

Pathway

Fermentation; pyruvate fermentation to lactate; (S)-lactate from pyruvate: step 1/1.

Involvement in disease

Defects in LDHA are the cause of glycogen storage disease type 11 (GSD11) [MIM:612933]. A metabolic disorder that results in exertional myoglobinuria, pain, cramps and easy fatigue.

Sequence similarities

Belongs to the LDH/MDH superfamily. LDH family.

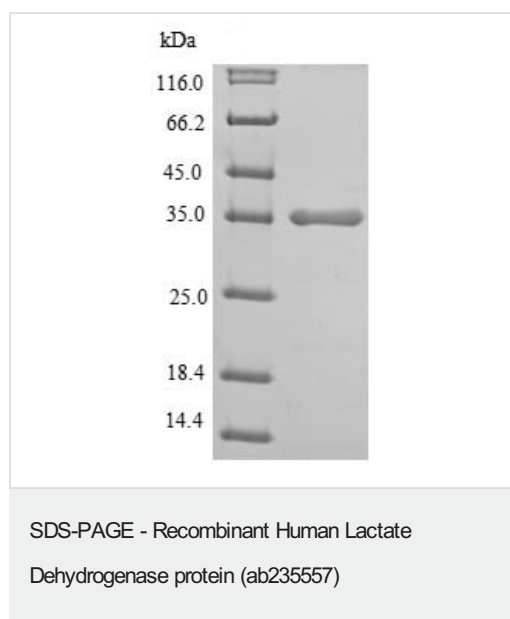
Post-translational modifications

ISGylated.

Cellular localization

Cytoplasm.

Images



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis with 5% enrichment gel and 15% separation gel of ab235557.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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