

Product Datasheet

Recombinant Human Lactate Dehydrogenase B His Protein

NBP1-45281-0.1mg

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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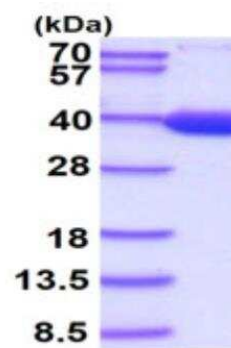
NBP1-45281-0.1mg**Recombinant Human Lactate Dehydrogenase B His Protein**

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>95%, by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH 8.0), 10% glycerol, 1 mM DTT
Target Molecular Weight	38.8 kDa
Product Description	
Description	<p>A bioactive recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 1-334 of Human Lactate Dehydrogenase B</p> <p>Source: <i>E.coli</i></p> <p>Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MATLKEKLIA PVAEEEEATVP NNKITVVGVG QVGMACAISI LGKSLADELA LVDVLEDKLIK GEMMDLQHGS LFLQTPKIVA DKDYSVTANS KIVVVTAGVR QQEGESRLNL VQRNVNVFKF IIPQIVKYSP DCIIIVVSNP VDILTYVTWK LSGLPKHRVI GSGCNLDSAR FRYLMAEKLK IHPSSCHGWI LGEHGDSSVA VWSGVNVAGV SLQELNPEMG TDNDSENWKE VHKMVVESAY EVIKLKGYTN WAIGLSVADL IESMLKNLSR IHPVSTMVKG MYGIENEVFL SLPCILNARG LTSVINQKLK DDEVAQLKKS ADTLWDIQKD LKDL</p>
Gene ID	3945
Gene Symbol	LDHB
Species	Human
Details of Functionality	Specific activity is > 300 units/mg, in which one unit will convert 1.0 umole of pyruvate to L-lactate and beta-NAD per minute at pH 7.5 at 37C.
Endotoxin Note	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Product Application Details	
Applications	SDS-Page, Enzyme Activity
Recommended Dilutions	SDS-Page, Enzyme Activity



Images

SDS-Page: Recombinant Human Lactate Dehydrogenase B Protein
[NBP1-45281] - 15% SDS-Page (3ug)



15% SDS-PAGE (3ug)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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