

Product Datasheet

Recombinant Human MDH1 His Protein NBP1-45315-0.1mg

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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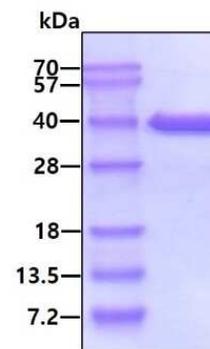
NBP1-45315-0.1mg

Recombinant Human MDH1 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
Target Molecular Weight	37.4 kDa
Product Description	
Description	<p>A bioactive recombinant protein with a C-Terminal His-tag and corresponding to the amino acids 1-334 of Human MDH1</p> <p>Source: <i>E.coli</i></p> <p>Amino Acid Sequence: MSEPIRVLVT GAAGQIAYSL LYSIGNGSVF GKDQPIILVL LDITPMMGVL DGVLMELQDC ALPLLKDVIAATDKEDVAFKD LDVAILVGSM PRREGMERKD LLKANVKIFK SQGAALDKYA KKSVKVIVVG NPANTNCLTA SKSAPSIPKE NFSCLTRLDH NRAKAQIALK LGVTANDVKN VIIWGNHSST QYPDVNHAKV KLGQKEVGVY EALKDDSWLK GEFVTTVQQR GAAVIKARKL SSAMSAAKAI CDHVRDIWFG TPEGEFVSMG VISDGNSYGV PDDLlySFPV VIKNKTWKfV EGLPINDFSR EKMDLTAKEL TEEKESAFEF LSSALEHHHH HH</p>
Gene ID	4190
Gene Symbol	MDH1
Species	Human
Details of Functionality	Specific activity is > 250 units/mg, and is defined as the amount of enzyme that cleaves 1umole of oxalacetate and beta-NADH to L-malate and beta-NAD per minute at pH8.0 at 37C.
Product Application Details	
Applications	SDS-Page, Enzyme Activity
Recommended Dilutions	SDS-Page, Enzyme Activity

Images

SDS-Page: Recombinant Human MDH1 His Protein [NBP1-45315] - 3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.





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Products Related to NBP1-45315-0.1mg

NBP1-99038-100ug	Recombinant E. coli MDH1 His Protein
MAB1455	Albumin Antibody (188835) [Unconjugated] - Serum
NBP1-89515	MDH1 Antibody
NBP1-48336	Lactate Dehydrogenase A/LDHA Antibody - BSA Free

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.

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