

Product Datasheet

Recombinant Human Isocitrate Dehydrogenase 1/IDH1 His Protein NBP1-72523-100ug

Unit Size: 100 ug

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

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NBP1-72523-100ug**Recombinant Human Isocitrate Dehydrogenase 1/IDH1 His Protein**

Product Information	
Unit Size	100 ug
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 (pH8.0), 20% glycerol, 0.1 M NaCl, 1 mM DTT, 0.1 mM PMSF
Target Molecular Weight	48.8 kDa

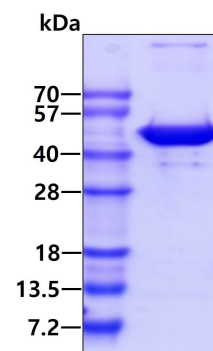
Product Description	
Description	A bioactive recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 1-414 of Human Isocitrate Dehydrogenase 1/IDH1 Source: <i>E.coli</i> Amino Acid Sequence: MGSSHHHHHH SGLVPRGSH MSKKISGGSV VEMQGDENR IIVELIKEKL IFPYVELDLH SYDLGIENRD ATNDQVTKDA AEAIKKHNVG VKCATITPDE KRVEEFKLKQ MWKSPNGTIR NILGGTVFRE AIICKNIPRL VSGWVKPIII GRHAYGDQYR ATDFVVPGP KVEITYTPSD GTQKVITYLVH NFEEGGGVAM GMYNQDKSIE DFAHSSFQMA LSKGWPLYLS TKNTILKKYD GRFKDIFQEI YDKQYKSQFE AQKIWYEHRL IDDMVAQAMK SEGGLIWACK NYDGDVQSDS VAQGYGSLGM MTSVLVCPDG KTVEAEAAHG TVTRHYRMYQ KGQETSTNPI ASIFAWTRGL AHRAKLDNNK ELAFFANALE EVSIETIEAG FMTKDLAACI KGLPNVQRSD YLNTFEFMDK LGENLKIKLA QAKL
Gene ID	3417
Gene Symbol	IDH1
Species	Human
Details of Functionality	Specific activity is > 18,000 pmol/min/ug. One unit will oxidize 1.0 pmole of DL-Isocitrate to D alpha-Ketoglutarate per minute in the presence of beta-NADP at pH7.4 at 37C.

Product Application Details	
Applications	SDS-Page, Enzyme Activity
Recommended Dilutions	SDS-Page, Enzyme Activity



Images

SDS-Page: Recombinant Human Isocitrate Dehydrogenase 1/IDH1 Protein [NBP1-72523] - 3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.





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Limitations

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