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Datasheet for ABIN4370795
IDH1 Protein (AA 1-414) (His tag)

Overview

Quantity:	50 µg
Target:	IDH1
Protein Characteristics:	AA 1-414
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IDH1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Isocitrate Dehydrogenase 1/IDH1 (C-6His)
Sequence:	MSKKISGGSV VEMQGDEMTR IIWELIKEKL IFPYVELDLH SYDLGIENRD ATNDQVTKDA AEAIAKHNVG VKCATITPDE KRVEEFKLLQ MWKSPNGTIR NILGGTVFRE AIICKNIPRL VSGWVKPIII GRHAYGDQYR ATDFVVPGP GVEITYTPSD GTQKVTYLVH NFEEGGGVAM GMYNQDKSIE DFAHSSFQMA LSKGWPLYLS TKNTILKKYD GRFKDIFQEI YDKQYKSQFE AQKIWYEHRL IDDMVAQAMK SEGGFIWACK NYDGDVQSDS VAQGYGSLGM MTSVLVCPDG KTVEAEEAHG TVTRHYRMYQ KGQETSTNPI ASIFAWTRGL AHRAKLDNNK ELAFFANALE EVSITIEAG FMTKDLAACI KGLPNVQRSD YLNTFEFMDK LGENLKIKLA QAKLVDHHHH HH
Characteristics:	Recombinant Human Isocitrate Dehydrogenase 1/IDH1 (C-6His)
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	IDH1
Alternative Name:	Isocitrate Dehydrogenase 1 (IDH1 Products)
Molecular Weight:	47.7 kDa
UniProt:	075874
Pathways:	Warburg Effect

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Supplied as a 0.2 µm filtered solution of PBS.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Expiry Date:	6 months