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Datasheet for ABIN667990

IDH3G Protein (AA 40-393) (His tag)

1 Image

Overview

Quantity:	50 µg
Target:	IDH3G
Protein Characteristics:	AA 40-393
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IDH3G protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	IDH3G, 40-393aa, Human, His tag, E.coli
Purity:	> 85 % by SDS - PAGE

Target Details

Target:	IDH3G
Alternative Name:	IDH3G (IDH3G Products)
Background:	IDH3G, also known as isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial, belongs to the isocitrate and isopropylmalate dehydrogenases family. Isocitrate dehydrogenases catalyze the oxidative decarboxylation of isocitrate to 2-oxoglutarate. IDH3G is a gamma subunit of one isozyme of isocitrate dehydrogenase that belongs to a distinct subclass, which utilizes NAD(+) as the electron acceptor, and is localised to the mitochondrial matrix.

Target Details

Recombinant human IDH3G protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. Synonyms: Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial, H-IDHG. NCBI no.: NP_004126

Molecular Weight: 41.1 kDa (375aa), confirmed by MALDI-TOF

Application Details

Restrictions: For Research Use only

Handling

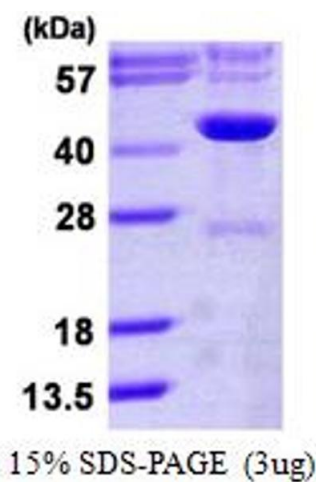
Format: Liquid

Concentration: 0.25 mg/ml (determined by Bradford assay)

Buffer: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 50% glycerol, 0.2M NaCl, 5mM DTT, 2mM EDTA

Storage: 4 °C

Images



SDS-PAGE

Image 1.