

## Product datasheet

# Recombinant Human IDH3G protein **ab116942**

1 Image

### Overview

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<b>Product name</b>	Recombinant Human IDH3G protein
<b>Protein length</b>	Full length protein

### Description

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<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ

### Amino Acid Sequence

<b>Accession</b>	<a href="#">P51553</a>
<b>Species</b>	Human
<b>Sequence</b>	MALKVATVAGSAAKAVLGPALLCRPWEVLGAHEVPSRNFSEQTIPPSAK YGGRHTVTMIPGDGIGPELMLHVKSVFRHACVPVDFEEVHVSSNADEEDI RNAIMAIRNRVALKGNIE TNHNLPPSHKSRNNILRTSLDLYANVIHCKS LPGVVTRHKDIDILVRENTEGEYSSLEHESVAGVVESLKITKAKSLRI AEYAFKLAQESGRKKVTAVHKANIMKLGDFLQCCREVAARYPQITFEN MVDNTTMQLVSRPQQFDVMVMPNLYGNVNNVCAGLVGGPGLVAGANYG HVYAVFETATRNTGKSIANKNIANPTATLLASCMMMLDHLKLH SYAASIRK AVLASMDNENMHTPDIGGGQTTSEAIQDVIRHIRVINGRAVEA
<b>Molecular weight</b>	69 kDa including tags
<b>Amino acids</b>	1 to 393

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab116942** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	ELISA Western blot SDS-PAGE
<b>Form</b>	Liquid
<b>Additional notes</b>	Protein concentration is above or equal to 0.05 mg/ml. Best used within three months from the date of receipt.

## Preparation and Storage

### Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.3% Glutathione, 0.79% Tris HCl

## General Info

### Sequence similarities

Belongs to the isocitrate and isopropylmalate dehydrogenases family.

### Cellular localization

Mitochondrion.

## Images



12.5% SDS-PAGE showing ab116942 at approximately 69.34kDa stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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