

## Product datasheet

# Recombinant Human OPA3 protein ab164221

[1 Image](#)

### Description

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<b>Product name</b>	Recombinant Human OPA3 protein
<b>Expression system</b>	Wheat germ
<b>Accession</b>	<b><u>Q9H6K4</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MVVGAFPMAKLLYLGRQVSKPLANRIKEAARRSEFFKTYI CLPPAQLYH WVEMRTKMRIMGFRGTVIKPLNEEAAAELGAELLGEATIFI VGGGCLVLE YWRHQAQQRHKEEEQRAAWNLRDEVGHLALALEALQA QVQAAPPQGALE ELRTELQEVRAQLCNPGRSASHAVPASKK
<b>Amino acids</b>	1 to 179
<b>Tags</b>	GST tag N-Terminus

### Specifications

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Our **Abpromise guarantee** covers the use of **ab164221** 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>	Western blot ELISA
<b>Form</b>	Liquid

### Additional notes

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00
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Constituents: 0.31% Glutathione, 0.79% Tris HCl

## General Info

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### Relevance

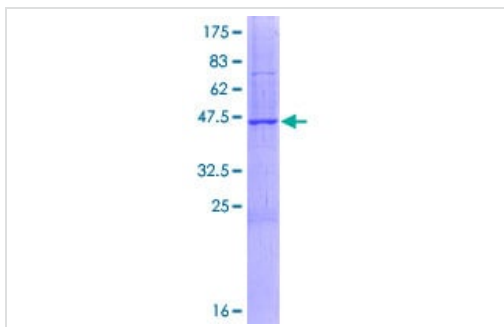
OPA3 may play some role in mitochondrial processes. Defects in OPA3 are the cause of 3-methylglutaconic aciduria type 3 (MGA3), also known as optic atrophy plus syndrome, and of optic atrophy type 3 (OPA3), also known as autosomal dominant optic atrophy and cataract (ADOAC).

### Cellular localization

Mitochondrial

## Images

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ab164221 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human OPA3 protein  
(ab164221)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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

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- 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
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