# abcam

### Product datasheet

# Recombinant Human Monoamine Oxidase B/MAOB protein ab82944

## 1 Image

**Description** 

Product name Recombinant Human Monoamine Oxidase B/MAOB protein

Purity > 95 % SDS-PAGE.

Expression system Escherichia coli

Protein length Protein fragment

Animal free No

Nature Recombinant

Species Human
Amino acids 2 to 489

Tags His tag N-Terminus

Additional sequence information Cytoplasmic domain fragment of the mature Monoamine Oxidase B/MAOB protein.

#### **Specifications**

Our **Abpromise guarantee** covers the use of **ab82944** in the following tested applications.

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

Applications SDS-PAGE

Form Liquid

Additional notes This product was previously labelled as Monoamine Oxidase B

**Preparation and Storage** 

**Stability and Storage** Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

**General Info** 

**Function** Catalyzes the oxidative deamination of biogenic and xenobiotic amines and has important

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functions in the metabolism of neuroactive and vasoactive amines in the central nervous system and peripheral tissues. MAOB preferentially degrades benzylamine and phenylethylamine.

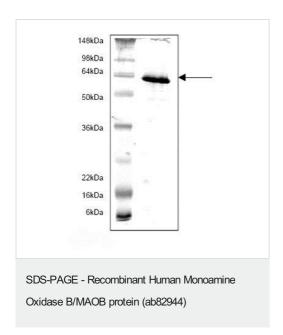
Sequence similarities

Belongs to the flavin monoamine oxidase family.

**Cellular localization** 

Mitochondrion outer membrane.

#### **Images**



ab82944 on SDS-PAGE.

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

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- · Replacement or refund for products not performing as stated on the datasheet
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