

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
-----------------	---

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"

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.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors