

Recombinant Rat Maob, His-tagged

Cat. No. Maob-3420R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Amine oxidase [flavin-containing] B (Maob)
Species	Rat
Source	E.Coli/Yeast
ProteinLength	520
Description	major neurotransmitter-degrading enzyme in the CNS; degrades biogenic monoamines in the brain .
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Maob recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Warning

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name [Maob monoamine oxidase B \[Rattus norvegicus \]](#)

Official Symbol Maob

Synonyms MAOB; monoamine oxidase B; amine oxidase [flavin-containing] B; MAO-B; monoamine oxidase-B; monoamine oxidase type B;

Gene ID [25750](#)

mRNA Refseq [NM_013198](#)

Protein Refseq [NP_037330](#)

Pathway Amine Oxidase reactions, organism-specific biosystem; Amphetamine addiction, organism-specific biosystem; Amphetamine addiction, conserved biosystem; Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved

Function flavin adenine dinucleotide binding; oxidoreductase activity; primary amine oxidase activity; primary amine oxidase activity; protein homodimerization activity;

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