

Recombinant Rat Maa, His-tagged

Cat. No. Maa-3419R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Amine oxidase [flavin-containing] A (Maa)
Species	Rat
Source	E.Coli/Yeast
ProteinLength	526
Description	enzyme involved in the oxidative deamination of biogenic and xenobiotic amines .
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 Maa 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
Warning	This product is for research use only. Not for use in diagnostic or therapeutic

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procedures.

GENE INFORMATION

Gene Name	Maoa monoamine oxidase A [<i>Rattus norvegicus</i>]
Official Symbol	Maoa
Synonyms	MAOA; monoamine oxidase A; amine oxidase [flavin-containing] A; MAO-A; monoamine oxidase type A; Mao;
Gene ID	29253
mRNA Refseq	NM_033653
Protein Refseq	NP_387502
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; flavin adenine dinucleotide binding; oxidoreductase activity; primary amine oxidase activity; primary amine oxidase activity; serotonin binding; serotonin binding;

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