

Recombinant Mouse Maoa protein, His-tagged

Cat. No. Maoa-2012M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Maoa aa. (Val16~Trp196 (Accession # Q64133)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Val16~Trp196
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 22.0kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Maoa monoamine oxidase A [Mus musculus (house mouse)]
Official Symbol	Maoa
Synonyms	AA407771; 1110061B18Rik; MAO-A; monoamine oxidase type A; amine oxidase [flavin-containing] A
Gene ID	17161
mRNA Refseq	NM_173740.3
Protein Refseq	NP_776101.3
UniProt ID	Q64133

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