

Recombinant Mouse Maoa protein, His-tagged

Cat. No. Maoa-2011M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Maoa aa. (Gln229~Gly428 (Accession # Q64133)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Gln229~Gly428
Form	Freeze-dried powder
Molecular Mass	27kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 6.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

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 ddH₂O.

GENE INFORMATION

Gene Name

[Maoa monoamine oxidase A \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Maoa](#)

Synonyms

PTPRN2; protein tyrosine phosphatase, receptor type N2; IAR; ICAAR; PTPRP; IA-2beta; R-PTP-N2; receptor-type tyrosine-protein phosphatase N2; IAR/receptor-like protein-tyrosine phosphatase; islet cell autoantigen-related protein; phogrin; protein tyrosine phosphatase receptor pi; protein tyrosine phosphatase, receptor type, N polypeptide 2; tyrosine phosphatase IA-2 beta

Gene ID

[17161](#)

mRNA Refseq

[NM_173740.3](#)

Protein Refseq

[NP_776101.3](#)

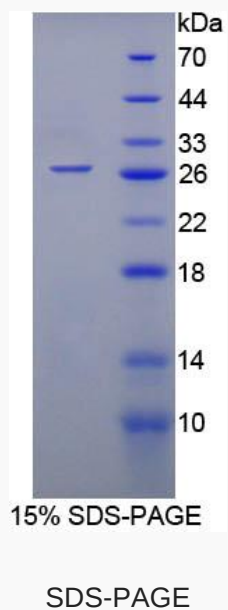
UniProt ID

[Q64133](#)

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