

## Recombinant Mouse Maa protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Maa aa. (Gln229~Gly428 (Accession # Q64133)) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gln229~Gly428
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	27kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>90%
<b>Characteristic</b>	The isoelectric point is 6.8.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	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 ddH<sub>2</sub>O.

## 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

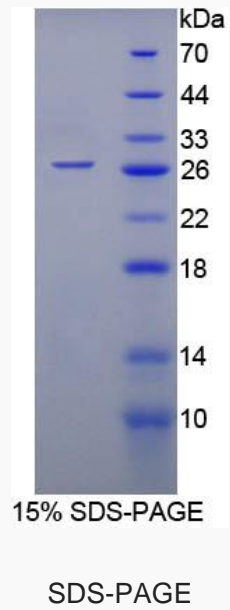
**UniProt ID**

Q64133

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