

Recombinant Rat Maa protein, His & T7-tagged

Cat. No. Maa-2013R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Maa aa. (Leu1~Ser497 (Accession # P21396)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Leu1~Ser497
Form	Freeze-dried powder
Molecular Mass	15kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 6.9.
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% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

Maoa monoamine oxidase A [*Rattus norvegicus* (Norway rat)]

Official Symbol

Maoa

Synonyms

PPFIA1; PTPRF interacting protein alpha 1; LIP1; LIP.1; LIPRIN; liprin-alpha-1; LAR-interacting protein 1; LIP-1; Liprin-alpha1; protein tyrosine phosphatase receptor type f polypeptide-interacting protein alpha-1; protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 1

Gene ID

29253

mRNA Refseq

NM_033653.1

Protein Refseq

NP_387502.1

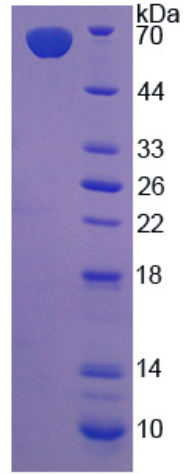
UniProt ID

P21396

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15% SDS-PAGE

SDS-PAGE

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