

Recombinant Rat Madd Protein, His-tagged

Cat. No. Madd-1755R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Madd Protein (Arg1291-Ser1602) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Arg1291-Ser1602
Description	Enables guanyl-nucleotide exchange factor activity. Involved in negative regulation of growth hormone secretion and negative regulation of pancreatic amylase secretion. Located in cytosol; nucleus; and synaptic vesicle. Is active in synapse. Biomarker of transient cerebral ischemia. Orthologous to human MADD (MAP kinase activating death domain).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 39.8 kDa Accurate Molecular Mass: 40 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Madd MAP-kinase activating death domain [*Rattus norvegicus* (Norway rat)]

Official Symbol

Madd

Synonyms

MADD; MAP-kinase activating death domain; MAP kinase-activating death domain protein; rab3 GDP/GTP exchange factor; Rab3 GDP/GTP exchange protein;

Gene ID

94193

mRNA Refseq

NM_053585

Protein Refseq

NP_446037

UniProt ID

O08873

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