

Recombinant Rat Hdac10 Protein, His-tagged

Cat. No. Hdac10-1619R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Hdac10 Protein (Met1-Glu302) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met1-Glu302
Description	Predicted to enable histone deacetylase activity; histone deacetylase binding activity; and zinc ion binding activity. Involved in oligodendrocyte development. Predicted to be located in cytoplasm and nucleoplasm. Predicted to be part of histone deacetylase complex. Orthologous to human HDAC10 (histone deacetylase 10).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.2 kDa Accurate Molecular Mass: 37 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade for

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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**

Hdac10 histone deacetylase 10 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Hdac10

Synonyms

HDAC10; histone deacetylase 10; HD10;

Gene ID

362981

mRNA Refseq

NM_001035000

Protein Refseq

NP_001030172

UniProt ID

Q569C4

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