

Recombinant Rat Dohh Protein, His-tagged

Cat. No. Dohh-1374R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Dohh Protein (Met1-Val210) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met1-Val210
Description	Predicted to enable deoxyhypusine monooxygenase activity and iron ion binding activity. Predicted to be involved in peptidyl-lysine modification to peptidyl-hypusine. Orthologous to human DOHH (deoxyhypusine hydroxylase).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.6 kDa Accurate Molecular Mass: 30 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 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

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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

Dohh deoxyhypusine hydroxylase/monooxygenase [*Rattus norvegicus* (Norway rat)]

Official Symbol

Dohh

Synonyms

DOHH; deoxyhypusine hydroxylase/monooxygenase; deoxyhypusine hydroxylase; deoxyhypusine dioxygenase; deoxyhypusine monooxygenase; RGD1304783;

Gene ID

314644

mRNA Refseq

NM_001025006

Protein Refseq

NP_001020177

UniProt ID

Q5PPJ4

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