Recombinant Human DOHH Protein, His-tagged

Cat. No. DOHH-1373H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DOHH Protein (Met1-Leu216) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Leu216
Description	This gene encodes a metalloenzyme that catalyzes the last step in the conversion of lysine to the unique amino acid hypusine in eukaryotic initiation factor 5A. The encoded protein hydroxylates deoxyhypusine to form hypusine in the mature eukaryotic initiation factor 5A protein. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.4 kDa Accurate Molecular Mass: 28 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

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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	DOHH deoxyhypusine hydroxylase/monooxygenase [Homo sapiens (human)]
Official Symbol	DOHH
Synonyms	DOHH; deoxyhypusine hydroxylase/monooxygenase; HEAT like (PBS lyase) repeat containing 1, HLRC1; deoxyhypusine hydroxylase; MGC4293; deoxyhypusine dioxygenase; deoxyhypusine monooxygenase; HEAT-like repeat-containing protein 1; HEAT-like (PBS lyase) repeat containing 1; HLRC1; hDOHH;
Gene ID	83475
mRNA Refseq	NM_001145165
Protein Refseq	NP_001138637
MIM	611262
UniProt ID	Q9BU89

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