

Recombinant Human HAMP protein, His-tagged

Cat. No. HAMP-2057H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HAMP aa. (Ser25~Thr84) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ser25~Thr84
Form	Freeze-dried powder
Molecular Mass	16kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 8.2.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive Labeling.
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.

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(Referring from China Biological Products Standard, which was calculated by the 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.

Concentration

200µg/mL

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

HAMP hepcidin antimicrobial peptide [Homo sapiens (human)]

Official Symbol

HAMP

Synonyms

Acadm; acyl-Coenzyme A dehydrogenase, medium chain; MCAD; AU018656; medium-chain specific acyl-CoA dehydrogenase, mitochondrial

Gene ID

57817

mRNA Refseq

NM_021175.3

Protein Refseq

NP_066998.1

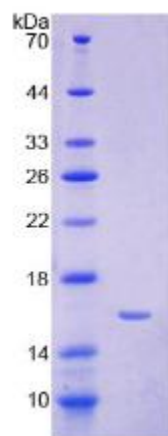
UniProt ID

P81172

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SDS-PAGE

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