Recombinant Mouse Hamp protein, His-tagged

Cat. No. Hamp-2058M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hamp aa. (Thr24~Thr83) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Thr24~Thr83
Form	Freeze-dried powder
Molecular Mass	15kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.7.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; 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. (Referring from China Biological Products Standard, which was calculated by the

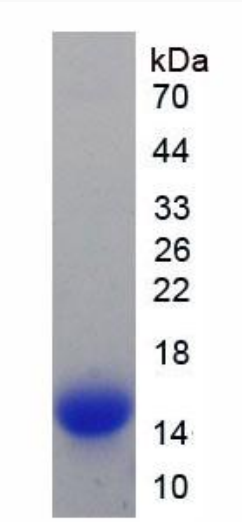
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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200μg/mL
Storage Buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Hamp hepcidin antimicrobial peptide [Mus musculus (house mouse)]
Official Symbol	Hamp
Synonyms	Acads; acyl-Coenzyme A dehydrogenase, short chain; Bcd1; SCAD; Bcd-1; Hdlq8; AI196007; short-chain specific acyl-CoA dehydrogenase, mitochondrial; butyryl-CoA dehydrogenase
Gene ID	84506
mRNA Refseq	NM_032541.2
Protein Refseq	NP_115930.1
UniProt ID	Q9EQ21

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SDS-PAGE

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