Recombinant Rat Hamp protein, His & GST-tagged

Cat. No. Hamp-2060R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Hamp aa. (Gly23~Thr84) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gly23~Thr84
Form	Freeze-dried powder
Molecular Mass	37kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.6.
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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

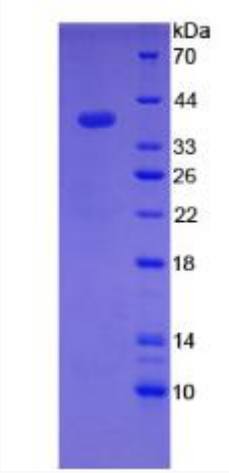
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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200μg/mL
Storage Buffer	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 [Rattus norvegicus (Norway rat)]
Official Symbol	Hamp
Synonyms	Acat2; acetyl-Coenzyme A acetyltransferase 2; Tcp-1x; AW742799; Tcp1-rs1; acetyl-CoA acetyltransferase, cytosolic; cytosolic acetoacetyl-CoA thiolase; t-complex protein 1, related sequence 1
Gene ID	84604
mRNA Refseq	NM_053469.1
Protein Refseq	NP_445921.1
UniProt ID	Q99MH3

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SDS-PAGE

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