

Recombinant Rat Hmgcr protein, His-tagged

Cat. No. Hmgcr-8170R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Hmgcr aa. (Ala638~Ala887) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ala638~Ala887
Description	Enzyme involved in mevalonate synthesis.
Form	Freeze-dried powder
Molecular Mass	30kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>99%
Characteristic	The isoelectric point is 8.4.
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

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at 37°C for 48h, and no obvious degradation and precipitation were observed. (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

100mM NaHCO₃, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 100mM NaHCO₃, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

[Hmgcr 3-hydroxy-3-methylglutaryl-CoA reductase \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Hmgcr](#)

Synonyms

Hmgcr; 3-hydroxy-3-methylglutaryl-CoA reductase; 3H3M; 3-hydroxy-3-methylglutaryl-coenzyme A reductase; HMG-CoA reductase

Gene ID

[25675](#)

mRNA Refseq

[NM_013134.2](#)

Protein Refseq

[NP_037266.2](#)

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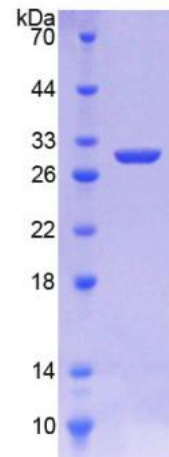
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UniProt ID

P51639

SDS-PAGE



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