

## Recombinant Rat Hsd17b12 protein, His & GST-tagged

**Cat. No.** Hsd17b12-1411R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Hsd17b12 aa. (Leu11~Phe291 (Accession # Q6P7R8) fused with N-terminal His & GST tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Leu11~Phe291
<b>Description</b>	May play a role in steroid metabolism.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 58.3kDa.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 8.7.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	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.

**Storage buffer**

Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

**Gene Name**

[Hsd17b12 hydroxysteroid \(17-beta\) dehydrogenase 12 \[ Rattus norvegicus \(Norway rat\) \]](#)

**Official Symbol**

[Hsd17b12](#)

**Synonyms**

Hsd17b12; hydroxysteroid (17-beta) dehydrogenase 12; very-long-chain 3-oxoacyl-CoA reductase; 17-beta-HSD 12; 17-beta-hydroxysteroid dehydrogenase 12; 3-ketoacyl-CoA reductase; KAR; estradiol 17-beta-dehydrogenase 12; smooth muscle-specific 17 beta-hydroxysteroid dehydrogenase type 3

**Gene ID**

[84013](#)

**mRNA Refseq**

[NM\\_032066.1](#)

**Protein Refseq**

[NP\\_114455.1](#)

**UniProt ID**

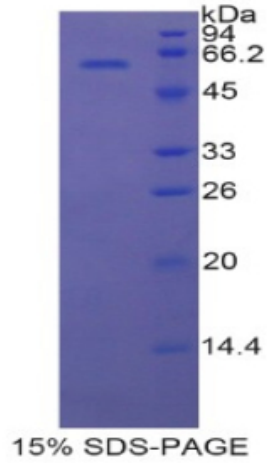
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**SDS-PAGE**



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