

Recombinant Rat Hsd17b12 protein, His & GST-tagged

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

SPECIFICATION

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

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](#)

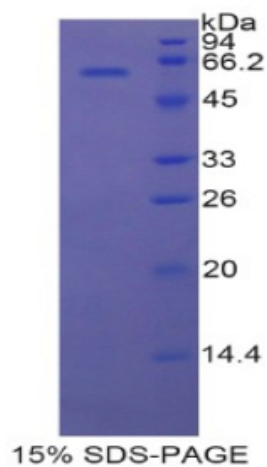
UniProt ID

[Q6P7R8](#)

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SDS-PAGE

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