Recombinant Mouse Hsd17b12 protein, His & GST-tagged

Cat. No. Hsd17b12-1410M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hsd17b12 aa. (Met1~Asn312 (Accession # O70503) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Asn312
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 61.8kDa.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.0.
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 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.
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 [Mus musculus (house mouse)]
Official Symbol	Hsd17b12
Synonyms	Hsd17b12; hydroxysteroid (17-beta) dehydrogenase 12; Kik1; KIK-I; AI172963; 2610510O05Rik; 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; keratoadhesin; keratonectin; steroid dehydrogenase
Gene ID	56348
mRNA Refseq	NM_019657.4
Protein Refseq	NP_062631.1
UniProt ID	O70503

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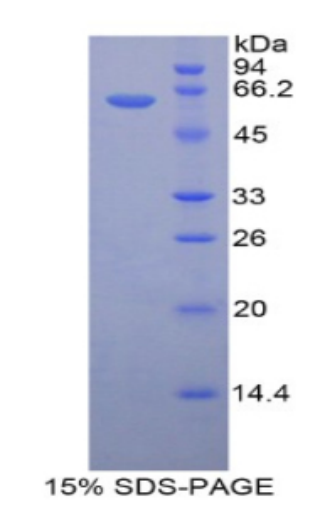
SDS-PAGE	 15% SDS-PAGE

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