

## Recombinant Full Length Anas Platyrhynchos Estradiol 17-Beta-Dehydrogenase 12(Hsd17B12) Protein, His-Tagged

Cat. No. RFL19200AF Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Anas platyrhynchos Estradiol 17-beta-dehydrogenase 12(HSD17B12) Protein (O57314) (1-312aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Anas platyrhynchos (Mallard) (Anas boschas)
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length (1-312)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	MLPAAGLLWWVGALGALYAAVRGALGLLGALRVWVIGAGRAALGPGLGAWAVVTG ATDGI GKAYAKELAKRGMKVALISRSKEKLDQVAGEITEQYGVETKVIVADFGEREDI YDRIRAG LEGLEIGVLVNNVGISYSYPEYFIDVPDLDKTIDKMININIMSVCKMTRLVLP GMLERSK GVILNISSAAGMYPTPLLTLYSASKAFVDYFSRGLHAHEYKSKGIIVQSVMP YYVATKMSK ISKPSFDKPTPETYVRAAIGTVGLQSQTNGCLPHAFMGWVFSILPTST VMNLLMKTNKQI RARFLKKKMKKEK
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Applications</b>	SDS-PAGE
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

for up to one week.

**Storage**

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Storage Buffer**

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## GENE INFORMATION

**Gene Name**

HSD17B12

**Synonyms**

HSD17B12; SPM2; Very-long-chain 3-oxoacyl-CoA reductase; 17-beta-hydroxysteroid dehydrogenase 12; 17-beta-HSD 12; 3-ketoacyl-CoA reductase; KAR; Estradiol 17-beta-dehydrogenase 12

**UniProt ID**

[O57314](#)

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