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

Cat. No. RFL20946BF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Bovine Estradiol 17-beta-dehydrogenase 12(HSD17B12) Protein (Q5E9H7) (1-312aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Bovine
Source	E.coli
ProteinLength	Full Length (1-312)
Form	Lyophilized powder
AA Sequence	METALPAAGFLYWVGASTVAYLALRISCWFFTALRVWGLGHEAGVGPWLGEWAVV TGGTD GIGKSYAEELAKRGMKIVLISRSQDKLDQVSSEISEKFKVETKTIAVDFTSEDI YDKIKA SLAGLNIGVLVNNVGMSYEYPEYFLDVPDLDNTIKKLITVNALSVCKMTRLV LPGMVERS KGAILNISSASGMYPVPLLTIYSATKAFVDFFSQCLHEEYKSKGVIVQSV LPYYVATKLA KIKRPTWDKPSPETFVKSAMKTIGVQSRTNGYPIHSLVASVSASLPS WLYFKIAMYSGNS IRVRYLKKMKMN
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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	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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	HSD17B12
Synonyms	HSD17B12; 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	Q5E9H7

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