

# Recombinant Full Length Bovine 3 Beta-Hydroxysteroid Dehydrogenase/Delta 5-->4-Isomerase(Hsd3B) Protein, His-Tagged

**Cat. No.** RFL10090BF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Bovine 3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase(HSD3B) Protein (P14893) (2-373aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Bovine
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length of Mature Protein (2-373)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	AGWSCLVTGGGGFLGQRIICLLVEEKDLQEIRVLDKVFVRPEVREEFSKLQSKIKLTLL EG DILDEQCLKGACQGTSVVIHTASVIDVRNAVPRETIMNVNVKGTQLLLEACVQAS VPVFI HTSTIEVAGPNSYREIIQDGREEEHESAWSSPYSPYKLAEKAVLGANGWA LKNGGTLY TCALRPMYIYGEGSPFLSAYMHGALNNGILT NHCKFSRVNPVYVGNV AWAHILALRALR DPKKVPNIQQGFYYISDDTPHQSYDDLNYTLSKEWGFCLDSRMS LPISLQYWLAFLLEIV SFLLSPIYKYNPCFNRLVTLSNSVFTFSYKKAQRDLGYEPLY TWEEAKQKTKEWIGSLV KQHKETLTKIH
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Applications</b>	SDS-PAGE

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<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Reconstitution</b>	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.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	HSD3B
<b>Synonyms</b>	HSD3B; 3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase; 3-beta-HSD [Includes: 3-beta-hydroxy-Delta(5-steroid dehydrogenase; 3-beta-hydroxy-5-ene steroid dehydrogenase; Progesterone reductase; Steroid Delta-isomerase; Delta-5-3-ketosteroid isomer
<b>UniProt ID</b>	<a href="#">P14893</a>

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