

Recombinant Full Length Rat 3 Beta-Hydroxysteroid Dehydrogenase Type 5(Hsd3B5) Protein, His-Tagged

Cat. No. RFL10704RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat 3 beta-hydroxysteroid dehydrogenase type 5(Hsd3b5) Protein (P27364) (2-373aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length of Mature Protein (2-373)
Form	Lyophilized powder
AA Sequence	PGWSCSLVTGAGGFLGQRIVQMLVQEKEHQEVRLVYRTFSPKHKEELSKLQTKAKVT VLRG DIVDAQFLRRACQGM SVIIHTAAALDIAGFLPRQTILDVNVKGTQLLLDACVEA SVPAFI YSSSTGVAGPNSYKETILNDREEEHRESTWSNPYPYSKRMAEKAVLAANG SILKNGGTFH TCALRLPFIYGEESQIISTMVNRALKNNSIIKRHATFSIANPVYVGNA WAHILAARGLR DPEKSQSIQGQFYIISDDTPHQSYDDLNYTSLKEWGFCLDSSWSL PLPLLYWLAFLLLETV SFLLRPFYNYRPPFNRFMVITILNSVFTISYKKAQRDLGYEPLV SWEEAKQKTSEWIGTLV EQHRETLDTKSQ
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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	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	Hsd3b5
Synonyms	Hsd3b5; Hsd3b; NADPH-dependent 3-keto-steroid reductase Hsd3b5; 3 beta-hydroxysteroid dehydrogenase type 3; 3 beta-hydroxysteroid dehydrogenase type III; 3 beta-HSD III; Dihydrotestosterone 3-ketoreductase
UniProt ID	P27364