Recombinant Full Length Rat 3 Beta-Hydroxysteroid Dehydrogenase/Delta 5-->4-Isomerase Type 2(Hsd3B) Protein, His-Tagged

Cat. No. RFL14080RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat 3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 2(Hsd3b) Protein (P22072) (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	PGWSCLVTGAGGFVGQRIIRMLVQEKELQEVRALDKVFRPETKEEFSKLQTKAKVT MLEG DILDAQYLRRACQGISVVIHTASVMDFSRVLPRQTILDVNLKGTQNLLEAGIHA SVPAFI YCSTVDVAGPNSYKKTILNGREEEHHESTWSNPYPYSKKMAEKAVLAANG SILKNGGTLH TCALRPMYIYGERGQFLSRIIIMALKNKGVLNVTGKFSIVNPVYVGNV AWAHILAARGLR DPKKSQNIQGQFYYISDDTPHQSYDDLNCTLSKEWGLRLDSSWS LPLPLLYWLAFLLETV SFLLRPFYNYRPPFNCHLVTLSNSKFTFSYKKAQRDLGYEPL VSWEEAKQKTSEWIGTLV EQHRETLDTKSQ
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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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 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	Hsd3b
Synonyms	Hsd3b; 3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 2; 3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type II; 3-beta-HSD II [Includes: 3-beta-hydroxy-Delta(5-steroid dehydrogenase; 3-beta-hydroxy-5-ene steroid dehydrogenase;
UniProt ID	P22072

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