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

Cat. No. RFL22114CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Dog 3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase(HSD3B) Protein (Q5IFP1) (2-373aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Dog
Source	E.coli
ProteinLength	Full Length of Mature Protein (2-373)
Form	Lyophilized powder
AA Sequence	AGWSCLVTGAGGFLGQRIVHLLAEEKELQEIRALDKAFRPELLEEFSKLQSKTKLTM VEG DILDEQCLKRACQGTSVVIHTASVIDVMNVIHRETIMNVNLKGTQLLLEACAQAS VPIFI YTSTIEVAGPNSYRDIIQNAHEEEHLESTWSAPYPYSKKLAEKAVLAANGWAL KNGGTLH TCALRPMYIYGEGSIFLYNYIYKALRNNGILTHHSKFSIVNPVYVGNVAWA HILALRALQ DPKKAPSVQGQFYYISDDTPHQSYDDLNYNLSKEWGFSLDSRMSLPIS LEYWLAFLLEIV SFLLSPIYKYQPPFNRHMVTLSNSIFTFSYKKAQRDLGYKPLFSWE EAKQKTTEWIGSLV KQHKETLKTKTH
Purity	Greater than 90% as determined by 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℃/-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; 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
UniProt ID	Q5IFP1

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