

Recombinant Full Length Human 3 Beta-Hydroxysteroid Dehydrogenase Type 7(Hsd3B7) Protein, His-Tagged

Cat. No. RFL24836HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human 3 beta-hydroxysteroid dehydrogenase type 7(HSD3B7) Protein (Q9H2F3) (1-369aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-369)
Form	Lyophilized powder
AA Sequence	MADSAQAQKL VYLVTGGCGFLGEHVVRMLLQREPR LGELRVFDQHLGPWLEELKT GPVRV TAIQGDVTQAHEVAAAVAGAHVVIHTAGLVDVFGRASPKTIHEVNVQGTRN VIEACVQTG TRFLVYTSSMEVVGPN TKGHPFYRGNE DTPYEAVHRHPYPCSKALAE WLVLEANGRKVRG GLPLVTCALRPTGIYGEGHQIMRDFYRQGLRLGGWLFRAIPAS VEHGRVYVGNVAWMHVL AARELEQRATLMGGQVYFCYDGSPYRSYEDFNMEFLG PCGLRLVGARPLLPYWLLVFLAA LNALLQWLLRPLVLYAPLLNPYTLAVANTTFTVST DKAQRHFGYEPLFSWEDSRTRTILW VQAATGSAQ
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.

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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	HSD3B7
Synonyms	HSD3B7; 3 beta-hydroxysteroid dehydrogenase type 7; 3 beta-hydroxysteroid dehydrogenase type VII; 3-beta-HSD VII; 3-beta-hydroxy-Delta(5-C27 steroid oxidoreductase; C(27 3-beta-HSD; Cholest-5-ene-3-beta,7-alpha-diol 3-beta-dehydrogenase
UniProt ID	Q9H2F3