

Recombinant Full Length Mesocricetus Auratus 3 Beta-Hydroxysteroid Dehydrogenase/Delta 5-->4-Isomerase Type 1(Hsd3B1) Protein, His-Tagged

Cat. No. RFL6400MF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mesocricetus auratus 3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 1(HSD3B1) Protein (Q60555) (2-373aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mesocricetus auratus
Source	E.coli
ProteinLength	Full Length of Mature Protein (2-373)
Form	Lyophilized powder
AA Sequence	PGWSCLVTGAGGFLGQRIIRMLVQEKELQEVRLDKVFRPETREEFCKLQTKTKVTV LEG DILDAQCLRRACQGISVVIHTAAAIDVFGAIPRQTIIDINLKGTLNLEACVQASVP AFI YTSSIDVAGPNSYKEIVLNGHEEQQHESTWSDPYPYSKKMAEKAVLAANGSSLK NGGTLH TCALRPMYIYGEKSPLISVTIIRAVKNSGILDVTGKFSTVNPVYVNNAAWAH ILAARGLQ DPRKSPNIQQGFYIISDDTPHQSYDDLNYVLSKDWGLRPDSSWRPPVA LLYWLGFLLELV SFLLRPVYNYQPPFNRHLVTLNNTVFTFSYKKAQRDLGYEPLVG WEEARENTSEWIGSLV EQHKGTLNTKAQ
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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name

HSD3B1

Synonyms

HSD3B1; 3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 1; 3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type I; 3-beta-HSD I; 3-beta-hydroxy-5-ene steroid dehydrogenase; 3-beta-hydroxy-Delta(5-steroid dehydrogenase; 3-beta-hydr

UniProt ID

[Q60555](https://www.uniprot.org/entry/Q60555)

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