

Recombinant Human HSD3B2 protein, His-tagged

Cat. No. HSD3B2-3417H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSD3B2 protein(1-286 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-286 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MGWSCLVTGAGGLLGQRIVRLVVEEKELKEIRALDKAFRPELREEFSKLQNRTKLTV LEGDILDEPFLKRACQDVSVVIHTACIIDVFGVTHRESIMNVNVKGTQLLLEACVQASV PVFIYTSSIEVAGPNSYKEIIQNGHEEEPLENTWPTYPYPSKKLAEKAVLAANGWNLK NGDTLYTCALRPITYIYGEGGPFLSASINEALNNNGILSSVGKFSTVNPVYVGNVAWA HILALRALRDPKKAPSVRGQFYIISDDTPHQSYDNLNYILSKEFGLRLDSRWSLP
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
-----------------------	---

GENE INFORMATION

Gene Name	HSD3B2 hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2 [Homo sapiens]
------------------	--

Official Symbol	HSD3B2
------------------------	--------

Synonyms	HSD3B2; hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2; 3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 2; SDR11E2; short chain dehydrogenase/reductase family 11E; member 2; 3 beta-hydroxysteroid dehydrogenase/Delta 5--> 4-isomerase type 2; 3-beta-HSD II; 3 beta-HSD type II; progesterone reductase; delta 5-delta 4-isomerase type II; 3-beta-HSD adrenal and gonadal type; 3-beta-hydroxy-5-ene steroid dehydrogenase; 3-beta-hydroxy-Delta(5)-steroid dehydrogenase; short chain dehydrogenase/reductase family 11E, member 2; 4-isomerase type II; 3 beta-hydroxysteroid dehydrogenase type II, delta 5-delta 4-isomerase type II, 3 beta-HSD type II; HSDB; HSD3B;
-----------------	---

Gene ID	3284
----------------	------

mRNA Refseq	NM_000198
--------------------	-----------

Protein Refseq	NP_000189
-----------------------	-----------

MIM	613890
------------	--------

UniProt ID	P26439
-------------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA