

Recombinant Human HSD3B7 protein, GST-tagged

Cat. No. HSD3B7-13966H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSD3B7 protein(1-369 aa), fused with GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-369 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MADSAQAQKL VYLVTGGCGFLGEHVVRMLLQREPR LGELRVFDQHLGPWLEELKT GPVRVTAIQGDVTQAHEVAAAVAGAHVVIHTAGLVDVFGRASPKTIHEVNVQGTRNV IEACVQTGTRFLVYTSSMEVVGPN TKGHPFYRGNE DTPYEAVHRHPYPCSKALAEW LVLEANGRKVRGGLPLVTCALRPTGIYGE GHQIMRDFYRQGLRLGGWLFRAIPASVE HGRVYVGNVAWMHVLAAARELEQRATLMGGQVYFCYD GSPYRSYEDFNMEFLGPC GLRLVGARPLL PYWLLVFLAALNALLQWLLRPLVLYAPLLNPYTLAVANTTFTVSTDK AQRHFGYEPLFSWEDSRTRTILWVQAATGSAQ
Purity	90%, 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

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 $\mu\text{g}/\mu\text{l}$ 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

HSD3B7 hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 7 [Homo sapiens]

Official Symbol

HSD3B7

Synonyms

HSD3B7; hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 7; 3 beta-hydroxysteroid dehydrogenase type 7; C(27) 3BETA HSD; SDR11E3; short chain dehydrogenase/reductase family 11E; member 3; 3-beta-HSD VII; C(27)-3BETA-HSD; c(27) 3-beta-HSD; 3 beta-hydroxysteroid dehydrogenase type VII; 3 beta-hydroxy-delta 5-C27-steroid oxidoreductase; 3-beta-hydroxy-Delta(5)-C27 steroid oxidoreductase; cholest-5-ene-3-beta,7-alpha-diol 3-beta-dehydrogenase; short chain dehydrogenase/reductase family 11E, member 3; CBAS1; PFIC4;

Gene ID

80270

mRNA Refseq

NM_025193

Protein Refseq

NP_079469

MIM

607764

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UniProt ID

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